



DiversityDescriptions

DWB-DD als RDMS
für die Bestandsverwaltung von Mikroplastiksorten in der Forschung

Alexander Beckert

Universität Bayreuth
Department of Mycology

09.11.2021

- Inhaltsverzeichnis
 - SFB Mikroplastik
 - Datenbank „Plastictraits“
 - Aufbau und Bestandsverwaltung
 - Hilfestellung für Auswertungen oder
Versuchsplanung
 - Beispiele für „Extended Query“
 - Danksagung

SFB Mikroplastik



Poster des SFB Mikroplastik, LS Tierökologie I, Universität Bayreuth

- Forschung heutzutage oft in Kooperation mehrerer Individuen oder Gruppen,
- Je mehr Gruppen in einem Projekt, desto früher geht Übersicht verloren
- Andererseits ist eine Voraussetzung der Forschung die Nachvollziehbarkeit der Arbeiten und verwendeten Materialien

SFB Mikroplastik



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usw.

- Verschiedene Lehrstühle der Chemie und Materialwissenschaften beteiligt am SFB 1357 an der Universität Bayreuth
- Für die Forschung Plastik von kommerziellen Herstellern sowie selbst hergestellt oder modifiziert
- Für jedes Plastik verschiedene Mahlungen und Behandlungen, welche zwischen den Arbeitsgruppen ausgetauscht werden
- Aufbau einer Datenbank als Informationsknoten für alle Daten und mit 2 Hauptfunktionen



Datenbank – Aufbau und Bestandsverwaltung

The screenshot displays the DiversityDescriptions v. 4.3.0 application window. The main title bar reads 'DiversityDescriptions v. 4.3.0'. The interface is divided into several sections:

- Top Left:** A list of entries, with 'Polyamid_PA66 Ultramid A27 E' selected. A yellow callout bubble points to this list with the text: 'Jede Version erhält einen Eintrag, angefangen beim Hersteller'.
- Top Right:** The title of the selected entry, 'Polyamid_PA66 Ultramid A27 E', and a yellow box containing the text: 'DWB-Datenbank UBMYCplastictraitsdesc'.
- Center:** The 'Description view' for the selected entry. It shows the description 'Polyamid_PA66 Ultramid A27 E', AID, and ID (1089715). Below this, there are tabs for 'Main attributes', 'Descriptor view', 'Continuous view', 'Resource links', and 'Sample data'. The 'Details' section shows 'Manufacturer batch'. A yellow callout bubble points to this section with the text: 'Kurzbeschreibung der wichtigsten Eigenschaften'. Below the details is a search bar with the text: 'eine ODC ebenfalls für eine schnelle Übersicht des Eintrages'.
- Bottom Left:** A sidebar with various filters and query conditions, including 'Query conditions', 'Description resource', 'Descriptor', 'Data status', and 'Scope'. A yellow callout bubble points to this sidebar with the text: 'Description View'.
- Bottom Right:** A 'Project' section showing 'UBMYCplastictraitsdesc' selected.

Datenbank – Aufbau und Bestandsverwaltung

The screenshot displays the DiversityDescriptions v. 4.3.0 application window. The main title bar reads "DiversityDescriptions v. 4.3.0". The menu bar includes "Connection", "Edit", "Grid", "Query", "Data", "Administration", and "Help".

The interface is divided into several sections:

- Query results:** A list of 130 descriptions. The selected entry is "Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2".
- Query conditions:** Fields for "Title", "Details", and "Project" (set to "UBTMYCplastictraitsdesc").
- Description resource:** A field for "Title".
- Descriptor:** Fields for "Categorical", "Quantitative", "Text", and "Sequence".
- Data status:** A field with a "+" icon.
- Scope:** Fields for "Taxon", "Geography", "Specimen", and "Reference".
- Description details:** Shows "Stage 1, 125-200 µm. LW40-II" and "ODC: var-A B.C.D" with sub-descriptors A, B, C, and D.
- Description scopes:** A table with columns "Scope type" and "Scope value".
- Project:** A list containing "UBTMYCplastictraitsdesc".

Two yellow callout boxes highlight key information:

- A box in the top right corner contains the text: "DWB-Datenbank UBTMYCplastictraitsdesc".
- A box pointing to the "Details" section contains the text: "die wichtigsten Eigenschaften, wie die bisher durchgeführten Schritte und IDs".

At the bottom of the window, there is an "Edit descriptions" button.

Datenbank – Aufbau und Bestandsverwaltung

The screenshot displays the DiversityDescriptions v. 4.3.0 application window. The interface is divided into several sections:

- Top Bar:** Shows the application name 'DiversityDescriptions v. 4.3.0' and a menu with 'Connection', 'Edit', 'Grid', 'Query', 'Data', 'Administration', and 'Help'. A yellow box highlights the text 'DWB-Datenbank UBMYCplastictraits'.
- Left Panel:** A list of query results (1-100 of 130) is shown. The selected entry is 'Polyamid_PA66 Ultramid A27 E var-LW40.II.2.3'. Below the list are filters for 'order by: Description', 'Query conditions' (Title, Details, Project), 'Description resource' (Title), 'Descriptor' (Categorical, Quantitative, Text, Sequence), 'Data status', and 'Scope' (Taxon, Geography, Specimen, Reference).
- Main View:** Displays the details for the selected description: 'Polyamid_PA66 Ultramid A27 E var-LW40.II.2.3'. The 'Description' field contains the same text. The 'AID' field is empty, and the 'ID' field contains '1089260'. The 'Details' section shows: 'Stage 2, UV-A (24 h), 125-200 µm, LW40-II', 'ODC: var-A.B.C.D', and a list of descriptors: 'A: Descriptor 12 - Batch supplier's ID', 'B: Descriptor 13 - Batch supplier's ID suffix (I - VI)', 'C: Descriptor 11 - Batch processing status number (0 - 8)', and 'D: Descriptor 50/60 - Postprocessed batch Postprocessed stage 1/1+n batch operation major type (1 - 3)'. The 'Natural language support' and 'Wording' fields are empty. The 'Description scopes' table is currently empty. The 'Project' field is set to 'UBMYCplastictraitsdesc'.
- Bottom Bar:** Contains the text 'Edit descriptions'.

Datenbank – Aufbau und Bestandsverwaltung

DiversityDescriptions v. 4.3.0

Connection Edit Grid Query Data Administration Help

Query results 1 - 100 of 130

Polyamid_PA66 Ultramid A27 E

Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW19.I.1.2

Polyamid_PA66 Ultramid A27 E var-LW19.I.1.2

Polyamid_PA66 Ultramid A27 E var-LW19.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW20.0.1.0

Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2

Polyamid_PA66 Ultramid A27 E var-LW40.II.2.3

Polyamid_PA66 Ultramid A27 E var-LW40.II.2.3

Polybutylene succinate

order by: Description

Query conditions

Description

Title ~

Details ~

Project = UBMYCplastictraitsdesc

Description resource

Title ~

Descriptor

Categorical =

Quantitative =

Text =

Sequence =

Data status

Scope

Taxon ~

Geography ~

Specimen ~

Reference ~

Description: Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2 AID: ID: 1090279

Main attributes Descriptor view Continuous view Resource links Sample data

No.	Type	!	Descriptor name
1	categorical	•	Data set establishing agent
2	text	•	Data set establishing date
3	categorical	•	Data set revising agent
4	text	•	Data set revising date
5	text	•	Batch internal ID
6	text	•	Batch preceding internal ID
7	text	•	Batch original internal ID
8	text	•	Batch original manufacturer's plastic type ...
9	text	•	Batch CAS no.
10	text	•	Batch CB no.
11	categorical	•	Batch processing status number
12	categorical	•	Batch supplier's ID
13	categorical	•	Batch supplier's ID suffix
14	text	•	Polymer name
15	text	•	Polymer name synonym
16	text	•	Polymer name internal provisional
17	categorical	•	Polymer type name
18	categorical	•	Polymer family type
19	categorical	•	Polymer backbone type
20	categorical	•	Polymer molecular basic structure
21	text	•	Polymer molecular formula
22	quantitative	•	Polymer molecular weight
23	quantitative	•	Polymer density
24	quantitative	•	Polymer refractive index
25	text	•	Polymer UV-light reaction
26	quantitative	•	Polymer glass transition temperature

Descriptive text

350df6f3-7846-4ea5-bbb1-743e6bd99245

Notes:

Status data

x	ID	Status	Notes
<input checked="" type="checkbox"/>	!	To be checked	
<input type="checkbox"/>	ø	Not to be recorded	
<input type="checkbox"/>	-	Not applicable	
<input type="checkbox"/>	?	Data unavailable	
<input type="checkbox"/>	#	Not interpretable	
<input type="checkbox"/>	\$	Data withheld	
<input type="checkbox"/>	0	Missing data	

Descriptor tree: Descriptor tree for UBMYCplastictraitsd Restricted

Edit descriptions

DWB-Datenbank
UBMYCplastictraitsdesc

einmalige UUID für jeden Eintrag

UUID des vorangegangenen Bearbeitungsschrittes

UUID der Herstellerprobe

Datenbank – Aufbau und Bestandsverwaltung

Project:
 DiversityDescriptions

Descriptor tree:

From descriptor: to descriptor:

Separate quantitative measures

DWB-Datenbank
UBTMYCplastictraits
Grid View

Description: **High-density polyethylene Schaetti 1820**

Descriptor:

Description title	1 Data set establishing agent	2 Data set establishing date	3 Data set revising agent	4 Data set revising date	5 Batch internal ID	6 Batch preceding internal ID	7 Batch original internal ID	8 Batch original manufacturer's plastic type ID	9 Batch CAS no.	10 Batch CB no.	11 Batch processing status number
Low-density polyethylene Lupolen 1800P-1 var-LW23.I.1.0	1	2021-08-07			d7bcb787-79e9-...				9002-88-4		2
Low-density polyethylene Lupolen 1800P-1 var-LW54.I.1.2	1	2021-08-07			4160cbac-d878-...				9002-88-4		3
Low-density polyethylene Lupolen 1800P-1 var-LW54.I.1.2	1	2021-08-07			618f751e-a1f5-4...				9002-88-4		3
Low-density polyethylene Lupolen 1800P-1 var-LW54.I.1.2	1	2021-08-07			2e944a5e-597f4...				9002-88-4		3
Low-density polyethylene xF 1040	1	2021-05-11			e1d6c0c1-159e-...		e1d6c0c1-159...	xF 1040	9002-88-4		1
Low-density polyethylene xF 1040 var-Fixatti XF 1040.0.1.2	1	2021-05-11			7b8453ed-6758-...	e1d6c0c1-159...	e1d6c0c1-159...	xF 1040	9002-88-4		4
Low-density polyethylene xF 1040 var-Fixatti XF 1040.0.2.3	1	2021-05-11			e6e76728-a8ca-...	7b8453ed-67...	e1d6c0c1-159...	xF 1040	9002-88-4		4
Low-density polyethylene xF 1040 var-Fixatti XF 1040.0.2.3	1	2021-05-11			fe43af04-f7dc-4a...	7b8453ed-67...	e1d6c0c1-159...	xF 1040	9002-88-4		4
Poly(3-hydroxybutyrate)	1	2021-06-16			488473c5-460c-4...	d7c9e9e3-68...	d7c9e9e3-68...				
Poly(butylene adipate-co-terephthalate)	1	2021-06-16			e2c993c9-b79f4...	c66c647b-353...	c66c647b-353...				
Poly(butylene succinate-co-butylene adipate)	1	2021-06-16			80defbc3-3b8e-...	847d8811-768...	847d8811-768...				
Poly(β-hydroxybutyrate-β-hydroxyvalerate) ENMAT™ The...	1	2021-05-11			4d1c6a3b-1ab1-...	d3d7c38c-9cc...	d3d7c38c-9cc...	ENMAT™ Th...	80181-31-1		

Datenbank – Aufbau und Bestandsverwaltung

DiversityDescriptions v. 4.3.0

Connection Edit Grid Query Data Administration Help

Query results 1 - 100 of 130

**DWB-Datenbank
UBTMYCplastictraitsdesc**

Description: Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2 AID: ID: 1090276

Main attributes Descriptor view Continuous view Resource links Sample data

No.	Type	!	Descriptor name
37	quantitative	•	Monomer molecular weight
38	categorical		Monomer toxicity
39	categorical	•	Monomer aromatic ring presence
40	text	•	Manufacturer batch manufacturer name
41	quantitative		Manufacturer batch particle size
42	quantitative		Manufacturer batch provision date day
43	quantitative		Manufacturer batch provision date month
44	quantitative		Manufacturer batch provision date year
45	text		Postprocessed batch Postprocessed stage 1 batch supplier name
46	text	•	Postprocessed batch Postprocessed stage 1 batch supplier ID
47	quantitative		Postprocessed batch Postprocessed stage 1 batch provision date day
48	quantitative		Postprocessed batch Postprocessed stage 1 batch provision date month
49	quantitative		Postprocessed batch Postprocessed stage 1 batch provision date year
50	categorical	•	Postprocessed batch Postprocessed stage 1 batch operation major type
51	quantitative	•	Postprocessed batch Postprocessed stage 1 batch particle size
52	categorical		Postprocessed batch Postprocessed stage 1 batch particle size operation type
53	categorical	x	Postprocessed batch Postprocessed stage 1 batch particle surface operation type
54	quantitative	x	Postprocessed batch Postprocessed stage 1 batch particle surface operation duration
55	text	x	Postprocessed batch Postprocessed stage 1-n batch supplier name
56	text	x	Postprocessed batch Postprocessed stage 1-n batch supplier ID
57	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch provision date day
58	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch provision date month
59	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch provision date year
60	categorical	x	Postprocessed batch Postprocessed stage 1-n batch operation major type
61	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch particle size
62	categorical	x	Postprocessed batch Postprocessed stage 1-n batch particle size operation type

order by: Descrip

Deskriptoren zur Beschreibung der Behandlungen

Description resource Title ~

Descriptor

Categorical =

Quantitative =

Text =

Sequence =

Data status

Scope

Taxon ~

Geography ~

Specimen ~

Reference ~

Descriptor tree: Descriptor tree for UBTMYCplastictraitsdesc Restricted

Category collection states

x	No.	State	Notes
<input type="checkbox"/>	1	none	
<input checked="" type="checkbox"/>	2	fragmentation	
<input type="checkbox"/>	3	surface treatment	

State collection model: OrSet

Status data

x	ID	Status	Notes
<input checked="" type="checkbox"/>	!	To be checked	
<input type="checkbox"/>	∅	Not to be recorded	
<input type="checkbox"/>	-	Not applicable	
<input type="checkbox"/>	?	Data unavailable	
<input type="checkbox"/>	#	Not interpretable	
<input type="checkbox"/>	\$	Data withheld	
<input type="checkbox"/>	0	Missing data	

Edit descriptions

Datenbank – Aufbau und Bestandsverwaltung

DiversityDescriptions v. 4.3.0

Connection Edit Grid Query Data Administration Help

Query results 1 - 100 of 130

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polyamid_PA66 Ultramid A27

Polybutylene succinate

order by: Descrip

Query conditions

Description

Title ~

Details ~

Project = l

Description resource

Title ~

Descriptor

Categorical =

Quantitative =

Text =

Sequence =

Data status

Scope

Taxon ~

Geography ~

Specimen ~

Reference ~

Language en

**DWB-Datenbank
UBTMYCplastictraitsdesc**

Description: Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2 AID: ID: 1090276

Main attributes Descriptor view Continuous view **Resource links** Sample data

No.	Type	!	Descriptor name
37	quantitative	•	Monomer molecular weight
38	categorical		Monomer toxicity
39	categorical	•	Monomer aromatic ring presence
40	text	•	Manufacturer batch manufacturer name
41	quantitative		Manufacturer batch particle size
42	quantitative		Manufacturer batch provision date day
43	quantitative		Manufacturer batch provision date month
44	quantitative		Manufacturer batch provision date year
45	text		Postprocessed batch Postprocessed stage 1 batch supplier name
46	text	•	Postprocessed batch Postprocessed stage 1 batch supplier ID
47	quantitative		Postprocessed batch Postprocessed stage 1 batch provision date day
48	quantitative		Postprocessed batch Postprocessed stage 1 batch provision date month
49	quantitative		Postprocessed batch Postprocessed stage 1 batch provision date year
50	categorical	•	Postprocessed batch Postprocessed stage 1 batch operation major type
51	quantitative	•	Postprocessed batch Postprocessed stage 1 batch particle size
52	categorical		Postprocessed batch Postprocessed stage 1 batch particle size operation type
53	categorical	x	Postprocessed batch Postprocessed stage 1 batch particle surface operation type
54	quantitative	x	Postprocessed batch Postprocessed stage 1 batch particle surface operation duration
55	text	x	Postprocessed batch Postprocessed stage 1-n batch supplier name
56	text	x	Postprocessed batch Postprocessed stage 1-n batch supplier ID
57	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch provision date day
58	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch provision date month
59	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch provision date year
60	categorical	x	Postprocessed batch Postprocessed stage 1-n batch operation major type
61	quantitative	x	Postprocessed batch Postprocessed stage 1-n batch particle size
62	categorical	x	Postprocessed batch Postprocessed stage 1-n batch particle size operation type

Descriptor tree: Descriptor tree for UBTMYCplastictraitsdesc

Restricted

Statistical measures

x	No.	Measure	Value	Notes
<input checked="" type="checkbox"/>	1	Lower range li...		
<input type="checkbox"/>	2	Upper range l...		
<input type="checkbox"/>	3	Central or typi...		
<input type="checkbox"/>	4	Lower range li...		
<input type="checkbox"/>	5	Upper range l...		
<input type="checkbox"/>	6	Central or typi...		
<input checked="" type="checkbox"/>	7	Minimum value	75	https://dw...
<input checked="" type="checkbox"/>	8	Maximum val...	125	https://dw...
<input type="checkbox"/>	9	Mean (= aver...		
<input type="checkbox"/>	10	Harmonic me...		
<input type="checkbox"/>	11	Geometric		
<input type="checkbox"/>	12	Mode		
<input type="checkbox"/>	13	Median		
<input type="checkbox"/>	14	Interquartile		
<input type="checkbox"/>	15	Variance (sa...		

Measurement unit: µm

Status data

x	ID	Status	Notes
<input checked="" type="checkbox"/>	!	To be checked	
<input type="checkbox"/>	o	Not to be recorded	
<input type="checkbox"/>	-	Not applicable	
<input type="checkbox"/>	?	Data unavailable	
<input type="checkbox"/>	#	Not interpretable	
<input type="checkbox"/>	\$	Data withheld	
<input type="checkbox"/>	0	Missing data	

zu jedem Wert die Quellenangabe

Edit descriptions

Datenbank – Aufbau und Bestandsverwaltung

DiversityDescriptions v. 4.3.0

Connection Edit Grid Query Data Administration Help

**DWB-Datenbank
UBTMYCplastictraitsdesc**

Language en

Description: Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2 AID: ID: 1090276

Main attributes Descriptor view Continuous view Resource links Sample data

Query results 1 - 100 of 130

Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polyamid_PA66 Ultramid A27
Polybutylene succinate

order by: Descrip

Query conditions
Description
Title
Details
Project

Description resource
Title

Descriptor
Categoricall
Quantitative
Text
Sequence

Data status

Scope
Taxon
Geography
Specimen
Reference

https://cloud.sfb-mikroplastik.uni-bayreuth.de/remote.php/webdav/SFB%201357%20Mikroplastik/Z01_Microplastics%20F
https://cloud.sfb-mikroplastik.uni-bayreuth.de/remote.php/webdav/SFB%201357%20Mikroplastik/Z01_Microplastics%20F
https://dwb-res.mycology.uni-bayreuth.de/data/designs/operations/mp/plasticsupplies/PA66/LW40-II/Data%20Sheet_LW
https://dwb-res.mycology.uni-bayreuth.de/data/designs/operations/mp/plasticsupplies/Manufacturer-datasheets/Datenbl

Resources

No.	Resource name	Ranking	Role	URL	Type	Variant
1	CRC cloud		unkno...	https://cloud.sfb-mikroplastik.uni-bayreuth.de/remote.php/webdav/SFB%201357%20...	applicatio...	tiny sa...
2	DWB Res cloud		unkno...	https://cloud.sfb-mikroplastik.uni-bayreuth.de/remote.php/webdav/SFB%201357%20...	applicatio...	small ...

URL Ultramid%20A27%20E_BASF_eng.docx Size Width Height Duration

Edit descriptions

Datenbank – Planung und Auswertung von Versuchen

DiversityDescriptions v. 4.3.0

Connection Edit Grid **Query** Data Administration Help

Query results 1 - 100 of 130

Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2

Description: Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2 AID: ID: 1090276

**DWB-Datenbank
UBTMYCplastictraitsdesc**

Main attributes Descriptor view Continuous view Resource links Sample data

No.	Type	!	Descriptor name
16	text		Polymer name internal provisorial
17	categorical	•	Polymer type name
18	categorical	•	Polymer family type
19	categorical	•	Polymer backbone type
20	categorical	•	Polymer molecular basic structure
21	text	•	Polymer molecular formula
22	quantitative	•	Polymer molecular weight
23	quantitative	•	Polymer density
24	quantitative	•	Polymer refractive index
25	text		Polymer UV-light reaction
26	quantitative	•	Polymer glass transition temperature
27	categorical		Polymer thermal behaviour
28	quantitative	•	Polymer melting point
29	quantitative		Polymer boiling point
30	text	•	Polymer solvent
31	text		Polymer chemical resistance
32	categorical	•	Polymer additive presence
33	categorical		Polymer additive type
34	categorical	•	Polymer atomic build-up
35	text	•	Polymer name structure-based
36	categorical	•	Polymer type acronym
37	quantitative	•	Monomer molecular weight
38	categorical		Monomer toxicity
39	categorical	•	Monomer aromatic ring presence
40	text	•	Manufacturer batch manufacturer name
41	quantitative		Manufacturer batch particle size

order by: Descrip

Query conditions
Description
Title

Diverse Deskriptoren zu den chemischen und physikalischen Eigenschaften

Text
Sequence
Data status
Scope
Taxon
Geography
Specimen
Reference

Descriptor tree: Descriptor tree for UBTMYCplastictraitsdesc

State collection model: OrSet

Status data

x	No.	State	Notes
<input checked="" type="checkbox"/>	1	C	
<input checked="" type="checkbox"/>	2	H	
<input checked="" type="checkbox"/>	3	O	
<input type="checkbox"/>	4	Cl	
<input checked="" type="checkbox"/>	5	N	

x	ID	Status	Notes
<input type="checkbox"/>	!	To be checked	
<input type="checkbox"/>	∅	Not to be recorded	
<input type="checkbox"/>	-	Not applicable	
<input type="checkbox"/>	?	Data unavailable	
<input type="checkbox"/>	#	Not interpretable	
<input type="checkbox"/>	\$	Data withheld	
<input type="checkbox"/>	0	Missing data	

Edit descriptions

Datenbank – Extended Query

Extended query - DiversityDescriptions v. 4.3.0

Project: Matches: 10

**DWB-Datenbank
UBTMYCplastictraitsdesc
Extended query**

Query parameter

C Descriptor: No.:

Categorical states &

C H O Cl N

invert invert invert invert invert

Data status &

To be checked Not to be recorded Not applicable Data unavailable Not interpretable Data withheld Missing data

Σ Descriptor: No.:

Statistical measures &

Minimum value from: μm to: μm invert

Maximum value from: μm to: μm invert

Mean (= average) from: μm to: μm invert

Harmonic mean from: μm to: μm invert

Geometric mean from: μm to: μm invert

Mode from: μm to: μm invert

Data status &

To be checked Not to be recorded Not applicable Data unavailable Not interpretable Data withheld Missing data

Result list

all none swap

- Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.I.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.I.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2

Datenbank – Extended Query

Extended query - DiversityDescriptions v. 4.3.0

Project: Matches: 17 Show matches

**DWB-Datenbank
UBTMYCplastictraitsdesc
Extended query**

Query parameter

Add description Add scope Add descriptor Remove Save Delete

Σ Descriptor: No.:

& Statistical measures &

<input type="checkbox"/> Minimum value	from:	°C	to:	°C	<input type="checkbox"/> invert	& <input type="checkbox"/> Data status &
<input checked="" type="checkbox"/> Maximum value	from:	°C	to:	20	°C <input type="checkbox"/> invert	
<input type="checkbox"/> Mean (= average)	from:	°C	to:	°C	<input type="checkbox"/> invert	
<input type="checkbox"/> Harmonic mean	from:	°C	to:	°C	<input type="checkbox"/> invert	
<input type="checkbox"/> Geometric mean	from:	°C	to:	°C	<input type="checkbox"/> invert	

Mode from: °C to: °C invert

Σ Descriptor: No.:

& Statistical measures &

<input type="checkbox"/> Upper range limit (legacy data stat. meth. u...)	from:	μm	to:	μm	<input type="checkbox"/> invert	& <input type="checkbox"/> Data status &
<input type="checkbox"/> Central or typical value (legacy data stat. m...)	from:	μm	to:	μm	<input type="checkbox"/> invert	
<input type="checkbox"/> Minimum value	from:	μm	to:	μm	<input type="checkbox"/> invert	
<input checked="" type="checkbox"/> Maximum value	from:	μm	to:	130	μm <input type="checkbox"/> invert	
<input type="checkbox"/> Mean (= average)	from:	μm	to:	μm	<input type="checkbox"/> invert	

Harmonic mean from: μm to: μm invert

Result list

all none swap

- Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW15.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.I.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.I.1.2
- Polyamid_PA66 Ultramid A27 E var-LW19.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polyamid_PA66 Ultramid A27 E var-LW40.II.1.2
- Polylactic acid 4043D NatureWorks var-1
- Polypropylene Moplen HP526J var-LW41.I.1.2
- Polypropylene Moplen HP526J var-LW41.II.1.2
- Polypropylene Moplen HP526J var-LW41.III.1.2
- Polypropylene Moplen HP526J var-LW65.I.1.2
- Polypropylene Moplen HP526J var-LW87.I.1.2
- Polypropylene Moplen HP526J var-LW87.I.1.2

View in separate window

Cancel OK

Datenbank – Extended Query

Extended query - DiversityDescriptions v. 4.3.0

Project: Matches: 5

**DWB-Datenbank
UBTMYCplastictraitsdesc
Extended query**

Query parameter

Descriptor: No.:

Categorical states &

UV-A (340nm) 857 W/m² invert

UV-C (100-290 nm) invert

Data status &

To be checked
 Not to be recorded
 Not applicable
 Data unavailable
 Not interpretable
 Data withheld
 Missing data

Descriptor: No.:

Statistical measures &

Central or typical value (legacy data stat. me... from: h to: h invert

Minimum value from: h to: h invert

Maximum value from: h to: h invert

Mean (= average) from: h to: h invert

Harmonic mean from: h to: h invert

Geometric mean from: h to: h invert

Data status &

To be checked
 Not to be recorded
 Not applicable
 Data unavailable
 Not interpretable
 Data withheld
 Missing data

Descriptor: No.:

Categorical states &

Polyester invert

Polyalkene invert

Polystyrene invert

Polyhaloolefins invert

Polyamide invert

Data status &

To be checked
 Not to be recorded
 Not applicable
 Data unavailable
 Not interpretable
 Data withheld
 Missing data

Result list

all none swap

High-density polyethylene Schaeetti 1820 var-Schae
 Low-density polyethylene Fixatti 140 var-Fixatti 140
 Low-density polyethylene xF 1040 var-Fixatti XF 104
 Polypropylene Moplen HP526J var-LW41.II.2.3
 Polypropylene Moplen HP526J var-LW41.III.2.3

Danksagung

Vielen Dank für die Aufmerksamkeit!

- Prof. Dr. Rambold,
- Abteilung Mykologie
- SFB Mikroplastik