

Filler Metallic, mineral and PVC - filler for Biresin®- casting resins

Areas of Application

- For moulding based on **Biresin®** casting resins and fastcast resins for formulation of special properties

Description

- 1. Metallic Filler**
- Aluminiumgrieß**

Processing Data

Colour		silver to matt-grey
Description		grit in paperbags
Density	g/cm ³	2.7
Bulk density	g/cm ³	1 - 1,5
Grain	mm	0.6 - 1.2
Main application		for thermal conducting and workable mouldings e.g. of: Biresin® G32, Biresin® G36, Biresin® LS , for backfillings too
Mixture for example	in pbw	Biresin® G32 resin to Aluminiumgrieß : 100 : 100

- Aluminiumpulver (Aluminiumsprühgrieß)**

Processing Data

Colour		silver to matt-grey
Description		insensitized powder in paperbags
Density	g/cm ³	2.7
Bulk density	g/cm ³	1.0
Grain	mm	0 - 0.07
Main application		for thermal conducting and workable mouldings e. g. of: Biresin® G26, Biresin® G27, Biresin® G28, Biresin® LS, Biresin® L74, Biresin® G36, Biresin® G38 , for backfillings too
Mixture for example	in pbw	Biresin® G27 resin to Aluminiumpulver : 100 : 300

■ 2. Mineral Filler

■ KR-Füller grob

Processing Data		
Colour		white
Description		granules of natural calcium carbonate in paperbags
Density	g/cm ³	2.7
Körnung	mm	1.0 - 1.5
Main application		for light mouldings e. g. of: Biresin® G46, Biresin® G26, Biresin® G27, Biresin® G28
Beispiel-Mischung in Gewichtsteilen		Biresin® G46 Harz zu KR-Füller grob : 100 : 100

■ LF-Füller

Processing Data		
Colour		grey
Description		lightweight powder based on microsilicate in paperbags
Density	g/cm ³	0.7
Bulk density	g/cm ³	0.4
Grain	mm	0.01 - 0.25
Main application		for mouldings with decreased density e. g. of: Biresin® G27 LR, Biresin® G26, Biresin® G27, Biresin® G28, Biresin® G48
Mixture for example	in pbw	Biresin® G27 LR resin to LF-Füller : 100 : 100

■ TE-Füller

Processing Data		
Colour		white
Description		dust-free aluminium hydroxide powder in paperbags
Density	g/cm ³	2.4
Bulk density	g/cm ³	1.2
Grain	mm	0 - 0.032
Main application		for light mouldings with good workability e. g. of: Biresin® G26, Biresin® G46, Biresin® G48
Mixture for example	in pbw	Biresin® G26 resin to TE-Füller : 100 : 250

Further information available at:

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■ 3. Other Filler

■ PVC-Brandgranulat

Processing data		
Colour		grey
Description		hard PVC, milled in paperbags
Density	g/cm ³	1.4
Grain	mm	0 - 6
Main application		for light mouldings and backfilling with low shrinkage e. g. of: Biresin® G32, Biresin® G46, Biresin® G48
Mixture for example	in pbw	Biresin® G48 resin to PVC-Brandgranulat : 100 : 150

Delivery

Individual components	Aluminiumgrieß	25 kg net
	Aluminiumpulver	25 kg net
	KR-Füller grob	25 kg net
	LF-Füller	20 kg net
	TE-Füller	25 kg net
	PVC-Brandgranulat	30 kg net

Processing

- The material and processing temperature must be from 18 to 25°C (see PDS of the resin systems too).
- Pay attention to the processing conditions of corresponding **Biresin®** resins.

Storage

- Minimum shelf life is 24 month under room condition (18 - 25°C), when stored in original un-opened containers.
- Packages must be closed water tight immediately after use. The residual material has to be used up as soon as possible.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

Disposal considerations

Product Recommendations: Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

Packaging Recommendations: Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of as product waste.

Value Bases

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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