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Product specification

Product: Orisil M130
FUMED SILICA

PRODUCT DESCRIPTION

ORISIL® M130 is a fumed silica, hydrophobized with DDS (Dimethylchlorosilane).

APPLICATION

ORISIL® M130 is applied as a thickening and thixotropic agent and anti-sedimentation aid in coatings, printing inks and adhesives.

ORISIL M130 is used as a reinforcing filler in elastomers, mainly silicone-elastomers.

ORISIL® M130 acts as a free flow additive in the production of technical powders.

STORAGE

ORISIL® M130 should be stored in the original packaging in dry storage areas.

The product is stable for at least 1 year from date of production. The date of production of each batch is mentioned on the packaging and on the certificate of analysis.

PACKAGING

ORISIL® M130 is offered in 10 kg bags stowed on pallets of 200 kg each.

SAFETY

Comprehensive instructions are given in the corresponding Material Safety Data Sheets.

Those are available on request from us at any time.

Like other amorphous silicas ORISIL® M130 does not show either carcinogenic or mutagenic properties.

Typical Properties

	Values
SiO ₂ -content	99,8 %
Bulk Density (undensed / densed)	50 g/l / 90 g/l
BET-Surface Area	120 ± 20 m ² /g

This information is intended as a guide and should not be used in preparing specifications.

This information is based on our present knowledge and experience. In particular, no guarantee of properties in the legal sense is implied. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods



PRODUCT DESCRIPTION

ORISIL® M130 is a fumed silica, hydrophobized with DDS (Dimethyldichlorosilane).

TYPICAL PROPERTIES

Property	Value	Unit
Surface Area (BET)	120±20	m ² /g
pH (in 4% dispersion)	3,5-5,5	
Bulk Density (approx. value)		
-undensed	50	g/l
-densed	90	g/l
Loss on Ignition	max. 2	wt. %
2h at 1.000°C, based on substance dried (2 h at 105 °C)		
Loss on Heating	max. 0,6	wt. %
2h at 105 °C		
SiO ₂ -content	min. 99,8	wt. %
Fe ₂ O ₃ -content	max. 0,01	wt. %
Al ₂ O ₃ -content	max. 0,05	wt. %
TiO ₂ -content	max. 0,03	wt. %
Sieve Residue	-	wt. %

test method: GOST-14922-77

"This is a complete and true copy of the manufacturer's certificate. We are not responsible for the correctness of the data contained therein."

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