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Product specification

Product: Orisil M 200
FUMED SILICA

PRODUCT DESCRIPTION

ORISIL® M 200 is one with DDS (dimethyldichlorosilane), hydrophobized, pyrogenic, flame-hydrolysed silica

APPLICATION

ORISIL® M 200 is used as a thickening and thixotropic agent and anti-sedimentation aid in paints, printing inks and adhesives. ORISIL® M 200 serves as a reinforcing filler in elastomers, especially silicone elastomers. ORISIL® M 200 is also used as a flow aid in the production of powder coatings.

STORAGE

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

SAFETY

Comprehensive instructions can be found in the corresponding safety data sheets. These are available on request at any time from us.

Like other amorphous silicas, ORISIL® M 200 has neither carcinogenic nor mutagenic effects.

Typical Properties

	<u>Value</u>
SiO ₂ -content	99,8 %
Bulk Density (undensed / densed)	50 g/l / 110 g/l
BET-Surface Area	170 ± 30 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.

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STEUERNUMMER

311/5910/0073

BANKVERBINDUNG

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KSK Steinfurt: BIC: WELADED1STF | IBAN: DE90 4035 1060 0000 0218 08



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TYPICAL PROPERTIES

Property	Value	Unit
Surface Area (BET)	170±30	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	-	

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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