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77300 м. Калуш
Івано-Франківська обл., Україна

Zavodska str., 12 B
77300 Kalush
Ivano-Frankivsk region, Ukraine

TECHNICAL DATA

AMORPHOUS FUMED SILICAS

ORISIL 200, 300 AND 380 ARE HYDROPHILIC FUMED SILICAS PRODUCED BY VAPOR PHASE HYDROLYSIS OF CHLOROSILANES IN A FLAME PROCESS, THE RESULTING PRODUCTS ARE PURE, X-RAY AMORPHOUS, SILICON DIOXIDE (SiO₂).

SPECIFICATIONS

	Orisil 200	Orisil 300	Orisil 380
Surface Area, m ² /g (BET method)	200 ± 25	300 ± 30	380 ± 40
pH (4 % Suspension)	3,6-4,3	3,6-4,3	3,6-4,3
Loss on Heating (2 hrs @ 105 °C), wt.%, max.*	1,5	1,5	1,5

TYPICAL PROPERTIES

Bulk density, gm/l *			
-Undensed, (approx. value)	50	50	50
-Densed, (approx. value)	110	110	110
Loss on Ignition (1 hr @ 1000 °C), wt. %, max	1,5	2,0	2,0
SiO ₂ content, wt. %, min	99,9	99,9	99,9
Al ₂ O ₃ content, wt. %, max	0,05	0,05	0,05
Fe ₂ O ₃ content, wt. %, max	0,003	0,003	0,003
TiO ₂ content, wt. %, max	0,03	0,02	0,02
Sieve Residue (grit), wt. %, max	0,04	0,04	0,04

* At production plant

Test methods: TUU 24.1-31695418-002:2008

Detailed test methods are available upon request

Storage: store in dry place away from volatile substances.

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Made in Ukraine by DK Orisil Plant, Ltd.

Issue Date: July, 24th, 2017

Revision Number: 1.3