

KemituraSil®

Kemitura's new alternative for producers of paint & coatings, adhesive, rubber, silicones, composites, paper, cosmetic, food, Pharma, chemicals general.

KemituraSil is the new alternative on the market for Fumed Silica.

KemituraSil is produced by our Ukrainian Partner KTEP, who has produced hydrophilic and hydrophobic Fumed Silica of high quality since 1977.

For further information and offers on KemituraSil please contact Kemitura Group.



HYDROPHILIC

HYDROPHOBIC

Property	120	150	200	300	380	AM-1-120	AM-1-175
Appearance	White fluffy powder						
SiO ₂ min. wt%	99,9	99,9	99,9	99,9	99,9	99,0-99,3	99,0-99,5
Fe ₂ O ₃ max. wt%	0,003	0,003	0,003	0,003	0,003	0,01	0,01
Al ₂ O ₃ max. wt%	0,05	0,05	0,05	0,05	0,05	0,05	0,05
TiO ₂ max. wt%	0,03	0,03	0,03	0,02	0,02	0,03	0,03
pH value	3,6-4,3	3,6-4,3	3,6-4,3	3,6-4,3	3,6-4,3	≥ 3,6	≥ 3,6
Loss on drying max. wt% (2hrs at 105°C)	1,0	1,0	1,0	1,5	1,5	< 0,5	< 0,5
Ignition loss max. wt%(2hrs at 1000°C)	1	1	1	2	2	≤ 2	≤ 2
Bulk density g/l	40-60	40-60	40-60	40-60	40-60	40-50	40-50
BET surface area m ² /g	120±20	150±20	200±25	300±30	380±40	120±20 *	170±25 *
Sieve residue max. wt% (acc. to Mocker 4,5µm)	max. 0,06	max. 0,06	max. 0,04	max. 0,04	max. 0,05	–	–
Hydrophobicity % **						> 99,0	> 99,0
Typical Applications	Thickener & Thixotrope in liquids. Antis sedimentation of solids in liquids systems. Free flowing of powders						

* is not normalized, but actually maintained

** at boiling in the water for 30 min.