

REOLOSIL

PM-05

Hydrophobic Fumed Silica

REOLOSIL PM-05 is a grade of a hydrophobic silica prepared by treating a high purity fumed silica with polydimethylsiloxane.

Its unique properties offer advantages in organic elastomers, paints, inks, coatings, adhesives, free flow, toner additives.

It is used as thickening and thixotropic agents in the polar liquid systems and free flow agent in the powder systems.

Typical Properties

Specific Surface Area (BET)	20-40 m ² /g
Carbon content	5.5%
Bulk Density	50 g/L (approximately)
pH (4% suspension)	5.2
Al	< 20 ppm
Fe	< 20 ppm
Moisture Content (Dry up, %) ^{*1}	< 0.5 %

The data represents typical values (no product specification).

^{*1} When leaving plant

Characteristic Properties

One of hydrophobic grade. (mean primary particle size: ca.28nm) .

Typical Packaging Forms

Packaged in 10 kg / paper bag.

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