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Product Specification

Product overview

KY-812 SiO₂(gas phase method) is a hydrophobic silicon dioxide method modified by Hexamethyl Disilazane (HMDS)based on hydrophilic silicon dioxide with a specific surface area of 200 M²/G. It is a kind of high-purity Nano-powder.

Scope of Application:

- Organo-silicon rubber
- Coatings, inks and paint
- Organo-silicon sealant and adhesives
- Defoamer

Main technical parameters:

Characteristics	Unit	Typical value
Specific surface area	m ² /g	180±20
PH		5.5—7.5
Carbon content	wt.%	1.6—2.0
Loss on drying (for 2h at 105°C)	wt.%	≤0.5
Loss on heating (Heating for 2h at 1000°C , based on the article after drying for 2h at 105°C)	wt.%	≤4.0
Packing density	g/l	40—50
SiO ₂ content (based on the article after heating)	wt.%	≥99.8