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Product Specification

Product overview

KY-806 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.

Characteristics

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Scope of Application:

- Organo-silicon rubber
- Organo-silicon sealant
- Coatings, paint and powder coatings
- Ink and resin

Main technical parameters:

Characteristics	Unit	Typical value
Specific surface area	m ² /g	160+20
PH (4% dispersions)		5.5—7.5
Carbon content	wt. %	1.4— 1.8
Loss on drying (for 2h at 105℃)	wt %	≤0.5
Loss on heating (Heating for 2h at 1000℃, based on the article after drying for 2h at 105℃)	wt. %	≤4.0
Packing density	g/l	40—50
SiO ₂ content (based on the article after heating)	wt. %	≥99.8