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Product Specification

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KY-903 SiO₂ is a hydrophobic silicon dioxide by gas phase method modified by Dimethyl Dichlorosilane (DDS) 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, coating, ink, paint, resin, printer Toner, powder coatings

Main technical parameters:

Characteristics	Unit	Typical value
Specific surface area	m ² / g	190+20
PH (4% dispersions)		3.8—5.0
Carbon content	Wt. %	0.8— 1.4
Loss on drying (for 2h at 105C)	Wt. %	≤0.5
Loss on heating (Heating for 2h at 1000C, based on the article after drying for 2h at 105C)	Wt. %	≤2.0
Bulk density	g/l	40—50
SiO ₂ content (based on the article after heating)	Wt. %	≥99.8