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Product Specification

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KY-804 SiO₂ (gas phase method) is a hydrophobic silicon dioxide modified by Hexamethyl Disilazane (HMDS) based on hydrophilic silicon dioxide with a specific surface area of 150 M²/G. It is a kind of high-purity Nano-powder.

Characteristics:

KY - 804 (gas phase method) is a hydrophobic silicon dioxide modified by Hexamethyl Disilazane (HMDS) based on hydrophilic silicon dioxide with a specific surface area of 150 M²/G. It is a kind of high-purity Nano-powder.

Scope of Application:

Organo- silicon rubber/ Organo- silicon sealant/ coating/ ink/ paint/ resin/ Poly- Putty Base

Main Technical Parameters:

Characteristics	Unit	Typical value
Specific surface Area	m ² / g	130±20
PH (4% dispersions)		5.5-7.5
Carbon content	Wt. %	1.0— 1.4
Loss on drying(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
Packed density	g/l	40-50
SiO ₂ content (based on the article after heating)	Wt. %	≥99.8