



Hydrophilic Fumed Silica

Appearance: White powder

Specification:

Item	Indexes			
	A-150	A-200	A-255	A-300
Mass Fraction of SiO ₂ %	≥ 99.8			
Loss on ignition,%	≤ 2.5			
Suspensions pH	3.7~4.5			
Specific Surface Area BET(m ² /g)	126 ~ 175	176 ~ 225	240 ~ 275	276 ~ 335

Application:

Uses: It is used widely in silicon rubber, construction sealant, coating, electron and electric, aerospace, medicine and medical materials, resin processing, printing ink, pesticide and other industries.

A-150: used widely in silicone acid rubber, sulfurized silicone rubber in ambient temperature (low water content), silicone neutral rubber etc..

Similar to Aerosil A150, Reolosil QS10, Cab-O-Sil LM-150, Wacker V15.

A-200: used widely in sealing ring, sealing gasket, petroleum pipeline, insulator, tablet powdered preparation, artificial viscera, infusion tube, latex nipple and high quality oil ink.

Similar to Aerosil A200, Reolosil QS20, Cab-O-Sil M-5, Wacker N20.

A-255: designed for silicone rubber products required high strength, high hardness and high transparency.

Similar to Cab-O-Sil MS-55.

A-300: used widely in resin thickener, thickness agent for synthetic lubricating ester, resin thixotropic agent for electronic component.

Similar to Aerosil A300, Reolosil QS30, Cab-O-Sil H-5, Wacker T30.

Packing and Storage

Packaged in multiple layer Kraft paper, 10kg per bag

Placed in vent and dry storehouse and prevented from humid, water, pressure and throwing during transport.



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Hydrophobic Fumed Silica B-100

B-100 is hydrophobic fumed silica after treated with PDMS (Polydimethylsiloxane) based on a hydrophilic fumed silica with a specific surface area of 100 m²/g.

Similar to Aerosil R-202, Carbot TS-720, Tokuyama PM-20.

Test Item	Standard
Specific Surface Area BET (m ² /g)	100±30
pH Value in 4% dispersion ≥	3.5
Volatiles Content@ 105°C (%)	≤ 1.0
Carbon content (%) ≥	0.3
Fe ₂ O ₃ (ppm)	≤50
Al ₂ O ₃ (ppm)	≤50
TiO ₂ (ppm)	≤50
SiO ₂ Content (%)	≥99.8

Application

It is mainly used for organic silicone rubber, organic silicone sealant, paint, coating, printing ink, toner, copier toner, developer powder, adhesive, battery etc.

Packing and Storage

Packaged in multiple layer Kraft paper, 10kg per bag

Placed in vent and dry storehouse and prevented from humid, water, pressure and throwing during transport.

