

Fumed Silica HN-200

HN-200 is a hydrophilic fumed silica with a specific surface area of 200 m²/g .The original particle size can be 7-40 nm. It's a kind of high purity white colloidal powder.

Applications

- * Paints/Coatings/Printing inks and Unsaturated polyester resins
- * Sealants and Silicone Adhesive
- * Elastomers, especially HTV and RTV Silicone rubber
- * Films Cosmetics and Heat insulator

Properties

- * Reinforcing filler in elastomers
- * Rheology and thixotropy control of liquid systems
- * Used as anti-settling, thickening, anti-sagging agent
- * Improvement of free flow and anti-caking characteristics of powders
- * High transparency



Physico-chemical Data

Test Item	Standard Requirements		Standardization
Specific Surface Area BET(m ² /g)	HN-200	200±15	GB/T10722
pH Value in 4% dispersion	3.8~4.5		ISO787-9
Loss on Drying 2h@(105%)	≤1.0		ISO3262-1
Loss on Ignition 2h@ 1000℃ (%)	≤1.5		ISO3262-1
Sieve Residue(%)	≤0.05		ISO787-18
Tamped Density(g/l)	40~60		ISO787-11
SiO ₂ Content(%)	≥99.8		ISO3262-20
Carbon Content(%)	≤0.15		ISO3262-20

Package&Storage

- * Packaged in multiple layer kraft paper, 10kg per bag
- * Stored in aeration-drying storage areas for protecting the material from volatile substance.

Delivery

- * 20'GP: 1.8Mt, 10 pallets, 180KG/pallet.
- * 40'GP: 4 Mt, 20 pallets, 200KG/pallet.
- * 40'HQ: 4.4Mt, 20 pallets, 220KG/palle.

