

Fumed Silica HN-380

HN-380 is a hydrophilic fumed silica with a specific surface area of 380 m²/g. The original particle size can be 7-40 nm. It's a kind of high purity white colloidal powder.

Applications

- * Paints\Coatings and Printing inks
- * Polyester resins and Films
- * Silicone rubber and other elastomers
- * Sealants and Silicone Adhesive

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
- * Excellent transparency in unsaturated polyester resins



Physico-chemical Data

Test Item	Standard Requirements		Standardization
Specific Surface Area BET(m ² /g)	HN-380	380±25	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/pallet.



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