



HL-200 Fumed silica

Characteristics:

HL-200 is a hydrophilic fumed silica with a specific surface area of 200 m²/g. It's a kind of high purity white colloidal powder.

Applications:

- Paints and Coatings
- Unsaturated polyester resins and Films
- Elastomers , especially HTV and RTV Silicone rubber
- Adhesives and Sealants
- Printing inks
- Plant protection
- Cosmetics

Properties:

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

Physicochemical Data:

Properties	Unit	Typical Value	Standardization
Specific surface area (BET)	m ² /g	200±20	GB/T 10722
PH-value in 4% dispersion		3.7~4.5	GB/T 1717
Loss on drying(2h @ 105°C)	wt%	≤2.0	GB/T 5211.3
Loss on ignition (2h @ 1000 °C , based on material dried for 2h @ 105°C)	wt%	≤2.0	GB/T 20020
Sieve residue (45 μ m)	wt%	≤0.04	GB/T 5211.14
Silica content(based on material dried for 2h @ 105°C)	wt%	≥99.8	GB/T 20020
Tamped density (based on material dried for 2h 105°C)	g/L	40~60	GB/T 5211.4
Carbon content(based on material dried 2h @ 105 °C)	wt%	≤0.15	GB/T 20020

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