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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)	m²/g	200 ± 20	GB/T 10722
PH-value in 4% dispersion		3.7~4.5	GB/T 1717
Loss on drying(2h @ 105℃)	wt%	€2.0	GB/T 5211.3
Loss on ignition (2h @ $1000 ^{\circ}\mathrm{C}$, based on material dried for 2h @ $105^{\circ}\mathrm{C}$)	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℃)	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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