

HL-200 (Pyrogene Kieselsäure)

HL-200 (Fumed Silicon Dioxide)

CAS-Nr. 112945-52-5

EINECS-Nr. 231-545-4

Characteristics

HL-200 is a hydrophilic fumed silica with a specific surface area of 200 m²/g. It is a kind of high purity white, extremely fluffy powder.

Applications

Paints and coatings
Unsaturated polyester resins, laminating resins and gel coats
Elastomer, especially HTV and RTV Silicone rubber
Adhesive and sealant
Printing ink
Cable compound
Plant protection, food and 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

Eigenschaften Properties		Spezifikation Specification	Einheit Unit
Aussehen Appearance		Weißes kolloidales Pulver White colloidal powder	
Anteil SiO ₂ Mass part SiO ₂		min. 99.8	%
pH-Wert in 4% Dispersion pH-value in 4% dispersion		3.7 – 4.5	%
Spezifische Oberfläche Specific surface area	BET	200 ±20	m ² /g
Massenverlust bei Trocknung Mass loss on drying	2h@105°C	max. 1.0	%
Massenverlust bei Verbrennung Mass loss on ignition	2h@1000°C	max. 2.0	%
Siebrückstände Sieve residue	45 µm	max. 0.04	%
Schüttdichte Bulk density		40-60	g/dm ³
Kohlenstoffgehalt Carbon content		max. 0.2	%

Verpackung: 10 kg Säcke
Packing: 10 kg bags