

Hydrophilic Fumed Silica

Fusil[®] 200P is a high purity amorphous anhydrous colloidal silicon dioxide for use in pharmaceutical products

Characteristic physico-chemical data

Test Item	Standard	Standardization
Specific Surface Area BET (m ² /g)	200±25	Q/(GZ) GBS01-2002
pH Value in 4% dispersion	3.7~4.5	ISO787-9
Loss on Drying 2h@ 105°C (%)	≤2.0	ISO787-2
Loss on Ignition 2h@ 1000°C (%)	≤1.0	ISO3236-1
Sieve Residue (%)	≤0.05	ISO787-18
Bulk Density (g/l)	30~60	ISO787-11
SiO ₂ Content (%)	≥99.8	ISO3262-20
Fe ₂ O ₃ (mg/kg)	≤30	ISO3236-20
Al ₂ O ₃ (mg/kg)	≤500	ISO3236-20
TiO ₂ (mg/kg)	≤300	ISO3236-20
Chloride%≤	0.025	GB/T 20020-2005
Heavy Metal (as Pb) mg/kg	≤30	ISO3236-20
Pb (mg/kg)	≤5	ISO3236-20
As (mg/kg)	≤3	ISO3236-20

Applications

- Pharmacy, all types of dosage forms
- Food

Packing and storage

- Packaged in multiple layer Kraft paper, 10kg per bag
- Stored in aeration-drying storage areas for protecting the material from volatile substance.
- Should be used within 2 years after production.

Properties

- Free flow and anti-caking agent to improve powder properties
- Improves tablet properties such as hardness and friability
- Used as viscosity increasing agent to thicken and thixotropize liquids
- Dessicant for moisture-sensitive actives
- Improves distribution of active pharmaceutical ingredients
- Used as anti-setting, thickening and anti-sagging agent
- High purity, low humidity content
- No influence on taste
- Does not alter natural colour of powder formulations

Transportation

- 20'GP: 2.0 Mt, 10 pallets, 200KG/pallet.
- 40'GP: 4.0 Mt, 20 pallets, 200KG/pallet.
- 40'HQ: 4.4 Mt, 20 pallets, 220KG/pallet.

Service

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