

## HJSIL® 150 Hydrophilic fumed silica

### Characteristics

HJSIL® 150 is a kind of hydrophilic fumed silica with a specific surface area of 150 m<sup>2</sup>/g. It's high purity white colloidal powder.

### Applications

- HTV and RTV silicone rubber
- Adhesives and sealants
- Paints, coatings and pigments

### Packaging and storage

HJSIL® 150 is supplied in 10kg kraft paper bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

### Properties

- Reinforcement 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

### Characteristic physico-chemical data

Properties and test methods	Unit	Typical Value	Standardization
Specific surface area (BET)	m <sup>2</sup> /g	150 ± 25	GB/T10722
pH value (in 4% dispersion)		3.6 ~ 4.5	GB/T1717
Loss on drying (2 hours at 105 °C)	Wt%	≤ 1.5	GB/T5211.3
Loss on ignition (2 hours at 1000 °C, based on material dried for 2 hours at 105 °C)	Wt%	≤ 2.5	GB/T20020
Sieve residue (45 μm)	%	≤ 0.05	GB/T5211.14
Silica content (based on ignited material)	Wt%	≥ 99.8	GB/T20020
Tamped density (based on material dried for 2 hours at 105 °C)	g/L	40 ~ 60	GB/T5211.4
Carbon content (based on material dried for 2 hours at 105 °C)	Wt%	≤ 0.2	GB/T20020

### Contact information

**HENAN MINMETALS EAST INDUSTRIAL Co., Ltd.**

**Address** RENMIN ROAD, JIAOZUO CITY,  
HENAN PROVINCE, 454000  
CHINA

**Tel** +86 391 3565627  
**Fax** +86 391 3565657  
**Email** info@minmetalseast.com  
**Internet** www.minmetalseast.com

The data presented in this document is based on our best knowledge. We disclaim any warranty and liability whatsoever as to accuracy and completeness of such information as well as to the potential infringement of any proprietary rights. We reserve the right to alter product constants within the scope of technical progress or new developments. Any user of our products shall bear the full risk connected to their use including but not limited to their properties and fitness for any purpose.