

HIFULL HL-300

HYDROPHILIC FUMED SILICA

HL-300 is hydrophilic fumed silica with specific surface area around 300m²/g.

01 Applications

- Coatings & Paintings
- Silicone rubber and Other elastomers
- Thin & UPR
- Adhesives and Sealants
- Printing ink

02 Properties

- Reinforcing filler in elastomers
- Anti-settling, anti-sagging and thickening agent
- Rheology control and thixotropic agent
- Free flow aid and anti-caking aid for powders
- High transparency in UPR

03 Physical & Chemical Data

Properties	Unit	Typical Value	Testing Standard
Specific Surface Area (BET)	m ² /g	300±30	GB/T 20020
pH value in 4% dispersion	—	3.9~4.5	GB/T 20020
Loss on drying (2 hours at 105°C)	%	≤2.0	GB/T 20020
Loss on ignition (2 hours at 1000°C, based on material dried for 2 hours at 105°C)	%	≤2.5	GB/T 20020
Tamped Density (Based on material dried at 105°C for 2 hours)	g/L	40~60	GB/T 20020
Sieve Residue (45μm)	mg/kg	≤250	GB/T 20020
Silica Content (Based on ignited material)	%	≥99.8	GB/T 20020

※ customized products available for special physical or chemical data