

# HIFULL HL-50

## HYDROPHILIC FUMED SILICA

HL-50 is a hydrophilic fumed silica, with specific area around 50m<sup>2</sup>//g.

### 01 Applications

- Surface-treatment for base material
- Polish&Grind
- Coatings
- Paintings
- Printing inks
- Resins
- Plastics
- Thermal Materials
- Fire-proof Materials
- Personal Care Products
- Food and Constructional Material

### 02 Properties

- Excellent dispersion
- High addition amount with low thickening effect in liquid system
- Polishing and grinding additives for base materials like metals or glass

### 03 Physical & Chemical Data

Properties	Unit	Typical Value	Testing Standard
Specific Surface Area (BET)	m <sup>2</sup> /g	50±20	GB/T 20020
pH value in 4% dispersion	—	3.8~4.8	GB/T 20020
Loss on drying (2 hours at 105°C)	%	≤1.0	GB/T 20020
Loss on ignition (2 hours at 1000°C, based on material dried for 2 hours at 105°C)	%	≤1.5	GB/T 20020
Tamped Density (Based on material dried at 105°C for 2 hours)	g/L	50~120	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