

# HIFULL HL-380

## HYDROPHILIC FUMED SILICA

HL-380 is hydrophilic fumed silica with specific surface area around 400m<sup>2</sup>/g.

### 01 Applications

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

### 02 Properties

- Reinforcing filler for 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 <sup>2</sup> /g | 380±30        | GB/T 20020       |
| pH value in 4% dispersion                                                          | —                 | 3.9~4.5       | GB/T 20020       |
| Loss on drying (2 hours at 105°C)                                                  | %                 | ≤2.5          | 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