



HIFULL HB-202N

HYDROPHOBIC FUMED SILICA

HB-202N is hydrophobic fumed silica which has been treated by special manufacturing process to increase the polarity of product.

01 Applications

- Toner & Coatings
- Anti-corrosive Coatings
- Water-based printing inks & water-based paints
- Grinding of Copper Products

02 Properties

- Improve electrostatic effect of product system;
- Improve thickening, thixotropic and rheological properties in different systems;
- Improve compatibility and stability of polyurethane system and mechanical properties of epoxy resin system;
- Strong electric potential stability, improve wettability in various product systems;
- high thickening and thixotropic properties for epoxy systems containing polar solvents, effectively solves the problem of poor storage stability of epoxy system products

03 Physical & Chemical Data

Properties	Unit	Typical Value	Testing Standard
Specific Surface Area (BET)	m ² /g	170±20	GB/T 20020
Carbon Content (Based on material dried at 105°C for 2 hours)	%	1.0~2.0	GB/T 20020
PH (4% suspension) (water : ethanol is 1:1)	—	8.0~10.0	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)	%	≤8.0	GB/T 20020
Tamped Density (Based on material dried at 105°C for 2 hours)	g/L	40~60	GB/T 20020
Silica Content (Based on ignited material)	%	≥99.8	GB/T 20020

※ customized products available for special physical or chemical data