

Roopal FS-200

(Hydrophilic Fumed Silica)
 ALSO KNOWN AS
 (Silicon Dioxide)
Technical Data Sheet

| Properties | Unit | Typical Value | Testing Standard |
|-------------------------------------------------------------------------------|-------------------|---------------|------------------|
| Specific surface area (BET) | m ² /g | 200+/-20 | GB/T 20020 |
| pH in 4% Dispersion | - | 3.9-4.5 | GB/T 20020 |
| Loss on Drying (2hr@105*c) | % | ≤ 2.0 | GB/T 20020 |
| Loss on ignition for 2hrs@1000*c (based on material dried for 2 hrs@105*c) | % | ≤ 2.0 | GB/T 20020 |
| Sieve Reside (45µm) | mg/kg | ≤ 250 | GB/T 20020 |
| Silica Content (Based on ignited material) | % | ≥ 99.8 | GB/T 20020 |
| Tamped Density (based on material dried for 2 hrs @105*c) | g/dm ³ | 30-60 | GB/T 20020 |

Applications

Inks, Paints and Coatings
 Thin Film and UPR
 HTV & RTV Silicon Rubber
 Adhesives & Sealants
 Cosmetics
 Silicon elastomers

Properties

Reinforcing filler for elastomers
 Rheology control and thixotropic agent
 Anti-settling, sagging & thickening agent
 Free flow aid and anti-caking aid for powder

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