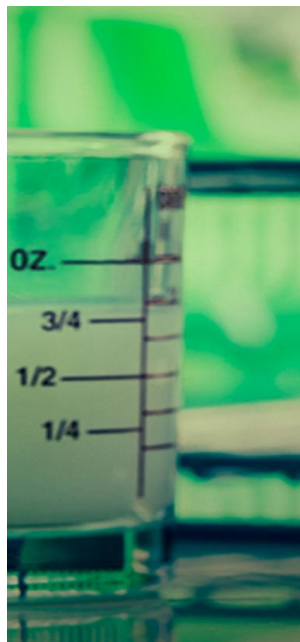




Product Line

Flexisil Colloidal Silica



| ICT Flexisil Colloidal Silica | | | | | | |
|---|--|--|--|--|---|--|
| Sodium Stabilized products | | | | | | |
| | Flexisil 2-12 | Flexisil 5-15 | Flexisil 8-30 | Flexisil 14-40 | Flexisil 20-40 | Flexisil 50-50 |
| Description | | | | | | |
| Silica Content | 12% | 15% | 30% | 40% | 40% | 50% |
| Particle Size (nm) | < 3 | 4 to 5 | 8 to 10 | 12 to 16 | 16 to 20 | 45 to 55 |
| Surface Area | > 950 m ² /g | 500 m ² /g | 320 m ² /g | 240 m ² /g | 180 m ² /g | 80 m ² /g |
| pH (at 20°C) | 11 | 10.0 | 10.5 | 10.4 | 9.5 | 8.5 |
| Applications | Inorganic Binder Water Treatment Precision Polishing | Inorganic Binder Battery uses Concrete uses Precision Investment Casting (PIC) Refractory | Precision Investment Casting (PIC) Refractory Battery uses Concrete uses Beverage clarification | Inorganic Binder Refractory Catalyst | Inorganic Binder Refractory Anti-Skid | Inorganic Binder Anti-Skid Frictionizing Surface Coatings |
| Aqueous nanoparticle dispersions of amorphous colloidal silica | | | | | | |
| Also available as DI version, Alumina modified, Ammonia stabilized | | | | | | |



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