



Product Line

Flexisil™ Colloidal Silica



ICT Flexisil™ Colloidal Silica						
Sodium Stabilized products						
Description	Flexisil™ 2-12	Flexisil™ 5-15	Flexisil™ 8-30	Flexisil™ 14-40	Flexisil™ 20-40	Flexisil™ R40
Silica Content	12%	15%	30%	40%	40%	40%
Particle Size (nm)	< 3	4 to 5	8 to 10	12 to 16	16 to 20	14 to 18
Surface Area	> 950 m ² /g	500 m ² /g	320 m ² /g	240 m ² /g	180 m ² /g	200 m ² /g
pH (at 20°C)	11	10.0	10.5	10.4	9.5	10
Applications	Inorganic Binder Water Treatment Precision Polishing	Inorganic Binder Battery uses Concrete uses Precision Investment Casting (PIC) Water Treatment	Precision Investment Casting (PIC) Refractory Battery uses Concrete uses Vacuum-formed Refractory Shapes Beverage clarification	Inorganic Binder Refractory Catalyst Precision Investment Casting (PIC) Vacuum-formed Refractory Shapes Concrete uses	Inorganic Binder Refractory Anti-Skid Concrete uses Vacuum-formed Refractory Shapes	Inorganic Binder Refractory Precision Investment Casting (PIC) Concrete uses Vacuum-formed Refractory Shapes
Aqueous nanoparticle dispersions of amorphous colloidal silica						
Also available as DI version, Alumina modified, Ammonia stabilized						



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