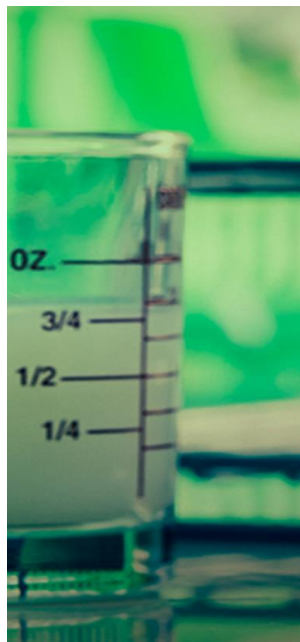




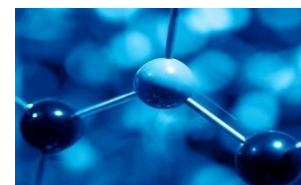
# Product Line

## Flexisil Colloidal Silica



ICT Flexisil™ Colloidal Silica Products							
Description	Flexisil™ 14-30	Flexisil™ 20-30	Flexisil™ 30-40	Flexisil™ 20-50	Flexisil™ 50-50	Flexisil™ C30 (low sodium)	Flexisil™ C40 (low sodium)
<b>Silica Content</b>	30%	30%	40%	50%	50%	30%	40%
<b>Particle Size (nm)</b>	12 to 16	16 to 20	28 to 32	14 to 20	45 to 55	8 to 12	12 to 16
<b>Surface Area</b>	240 m <sup>2</sup> /g	180 m <sup>2</sup> /g	120 m <sup>2</sup> /g	165 m <sup>2</sup> /g	80 m <sup>2</sup> /g	310 m <sup>2</sup> /g	265 m <sup>2</sup> /g
<b>pH (at 20°C)</b>	10 to 10.6	9 to 10	9 to 10	9.3 to 10.7	8.0 to 10.5	8.0 to 9.2	9.9 to 10.8
<b>Stabilizing Ion</b>	Na	Na	Na	Na	Na	Na	Na
<b>Applications</b>	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	Anti-Skid Inorganic Binder Refractory Polishing	Inorganic Binder Refractory Anti-skid Concrete uses Vacuum-formed Refractory Shapes	Inorganic Binder Anti-Skid Refractory Polishing	Catalyst Refractory	Catalyst Refractory

Aqueous nanoparticle dispersions of amorphous colloidal silica



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