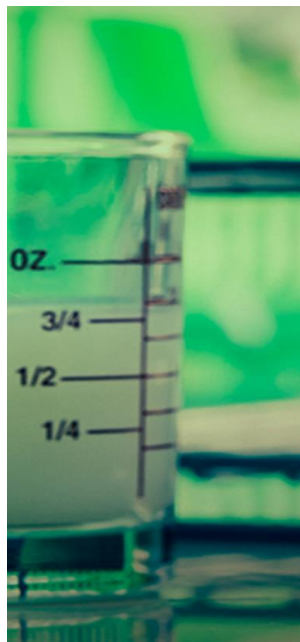




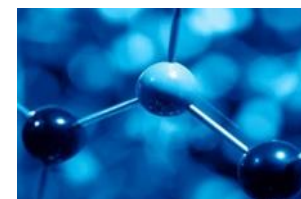
# Product Line

## Flexisil Colloidal Silica



ICT Flexisil™ Colloidal Silica Products						
	Flexisil™ 14-40 NH4	Flexisil™ 20-30 NH4	Flexisil™ 20-40 NH4	Flexisil™ 8-30A	Flexisil™ 14-30A	Flexisil™ 14-30AG
<b>Description</b>	(very low sodium)	(very low sodium)	(very low sodium)			(added glycol)
<b>Silica Content</b>	30%	30%	40%	30%	30%	28%
<b>Alumina Content</b>				0.17 - 0.25%	0.17 - 0.25%	
<b>Particle Size (nm)</b>	12 to 16	16 to 20	16 to 20	8 to 10	12 to 16	12 to 16
<b>Surface Area</b>	180 m <sup>2</sup> /g	180 m <sup>2</sup> /g	180 m <sup>2</sup> /g	310 m <sup>2</sup> /g	310 m <sup>2</sup> /g	230 m <sup>2</sup> /g
<b>pH (at 20°C)</b>	9 to 10.5	9 to 10.5	9 to 10.5	9.5 to 10.5	9.5 to 10.5	8.6 to 9.3
<b>Stabilizing Ion</b>	NH4	NH4	NH4	Na	Na	Na
<b>Surface Modification</b>				Alumina	Alumina	Alumina
<b>Applications</b>	Inorganic Binder Precision Investment Casting (PIC) Vacuum-formed Refractory Shapes Other applications	Inorganic Binder Precision Investment Casting (PIC) Vacuum-formed Refractory Shapes Other applications	Inorganic Binder Precision Investment Casting (PIC) Vacuum-formed Refractory Shapes Other applications	Inorganic Binder Ink Jet Coatings Vacuum-formed Refractory Shapes Other applications	Inorganic Binder Ink Jet Coatings Vacuum-formed Refractory Shapes Other applications	Catalyst Refractory

Aqueous nanoparticle dispersions of amorphous colloidal silica



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