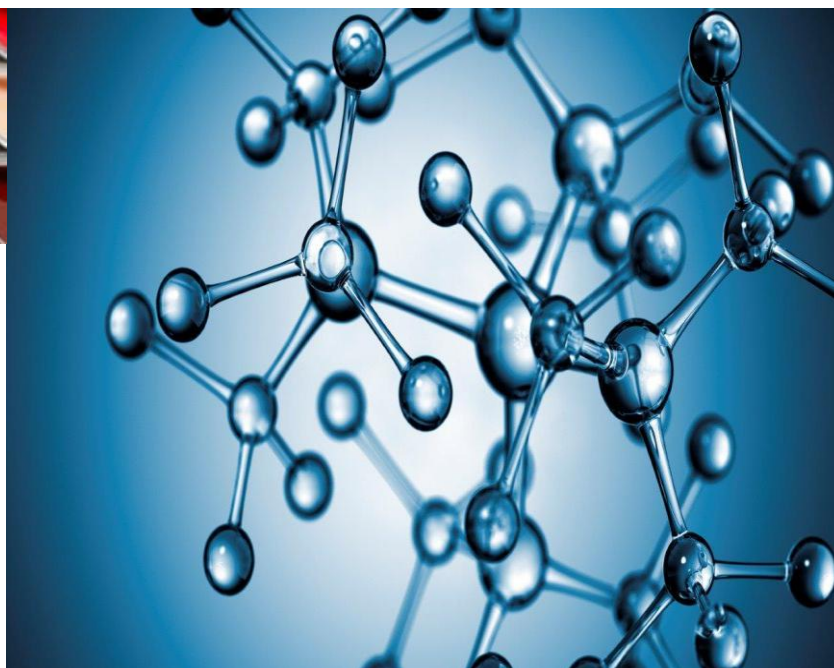
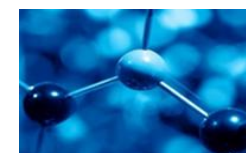


Flexisil™ Colloidal Silica Products & Markets



Flexisil™ Colloidal Silica Products

Product Name	Silica Content (%)	Surface Area (m ² /g)	Particle Size (nm)	pH (at 20°C)	Agriculture	Anti-Skid	Battery uses	Beverage clarification	Catalyst	Paints & Coatings	Concrete uses	Hi&I	Ink-jet	Inorganic Binder	Precision Investment Casting (PIC)	Precision Polishing	Pulp & Paper	Oilfield Services	Refractory	Vacuum-formed Refractory Shapes	Water Treatment
FLEXISIL SPS	7.4 - 7.8	800 - 900	2 - 3	10.0 - 10.5				✓									✓				✓
FLEXISIL 2-12	11.8 - 12.2	900 - 1100	1 - 3	10.8 - 11.3										✓							✓
FLEXISIL 5-15	14.6 - 15.4	450 - 650	3 - 5	9.8 - 10.9	✓		✓	✓	✓		✓	✓		✓	✓						✓
FLEXISIL 5-15S	14.6 - 15.4	600 - 700	3 - 4	10.4 - 10.9				✓	✓								✓				✓
FLEXISIL 8-30	29.0 - 30.5	330 - 390	7 - 9	9.3 - 10.3	✓			✓	✓			✓					✓		✓	✓	✓
FLEXISIL 14-30	29.0 - 30.5	180 - 300	10 - 16	10.0 - 10.6	✓				✓		✓	✓		✓	✓				✓	✓	
FLEXISIL 14-40	38.5 - 41.5	160 - 260	14 - 20	10.1 - 10.8	✓				✓		✓	✓		✓	✓				✓	✓	
FLEXISIL 20-30	29.0 - 31.0	135 - 200	16 - 20	8.8 - 10.5	✓				✓		✓	✓							✓	✓	
FLEXISIL 20-40	39.0 - 41.0	135 - 200	16 - 20	9.0 - 10.5	✓	✓			✓		✓	✓		✓					✓	✓	
FLEXISIL 20-50	49.0 - 51.0	135 - 200	16 - 20	9.3 - 10.7	✓	✓			✓		✓	✓		✓					✓	✓	
FLEXISIL 30-40	39.0 - 41.0	80 - 150	28 - 32	8.8 - 10.0		✓								✓					✓		
FLEXISIL 30-50	48.5 - 51.5	80 - 150	28 - 32	8.5 - 10.5										✓					✓		
FLEXISIL 50-50	48.5 - 51.5	50 - 100	27 - 55	8.0 - 10.5		✓								✓					✓		
FLEXISIL 14-40 NH4	38.5 - 41.5	160 - 260	12 - 16	9.0 - 10.5					✓			✓		✓	✓					✓	
FLEXISIL 20-30 NH4	29.0 - 31.0	135 - 220	16 - 20	9.0 - 10.5					✓			✓		✓	✓					✓	
FLEXISIL 20-40 NH4	38.5 - 41.5	135 - 220	16 - 20	9.0 - 10.5					✓			✓		✓	✓					✓	
FLEXISIL 30-40 NH4	39.0 - 41.0	80 - 150	28 - 32	8.8 - 10.0					✓			✓		✓	✓					✓	
FLEXISIL 5-15A	13.5 - 15.2	450 - 650	4 - 5	9.0 - 10.0							✓										✓
FLEXISIL 8-30A	29.0 - 30.5	310 - 380	7 - 9	10.2 - 10.8							✓	✓	✓	✓						✓	✓
FLEXISIL 14-30A	29.0 - 30.5	198 - 258	12 - 16	8.5 - 9.3							✓										
FLEXISIL 14-40A	38.5 - 41.5	190 - 260	12 - 16	8.4 - 9.4							✓										
FLEXISIL 20-40A (1589L)	38.5 - 41.5	135 - 200	12 - 16	8.3 - 9.3							✓										
FLEXISIL 14-30AG	27.2 - 29.8	198 - 258	12 - 16	8.6 - 9.3					✓										✓		
FLEXISIL C30	29.0 - 31.0	260 - 360	8 - 12	8.0 - 9.2					✓										✓		
FLEXISIL C40	38.5 - 41.5	230 - 300	9 - 14	9.0 - 10.8					✓										✓		
FLEXISIL MP1	39.0 - 41.0	80 - 150	14 - 18	8.8 - 10.0		✓															
FLEXISIL R40	39.0 - 41.0	180 - 220	14 - 18	9.5 - 10.0							✓			✓	✓			✓	✓	✓	
FLEXISIL R40W	35.5 - 40.7	180 - 220	14 - 18	9.6 - 10.2							✓			✓	✓			✓	✓	✓	



Flexisil™ Colloidal Silica Products

Product Name	Silica Content (%)	Surface Area (m ² /g)	Particle Size (nm)	pH (at 20°C)	Agriculture	Anti-Skid	Battery uses	Beverage clarification	Catalyst	Paints & Coatings	Concrete uses	HI&I	Ink-jet	Inorganic Binder	Precision Investment Casting (PIC)	Precision Polishing	Pulp & Paper	Oilfield Services	Refractory	Vacuum-formed Refractory Shapes	Water Treatment
Flexisil SM1153 (1725L)	13.0 - 15.0	450 - 650	3 - 5	5.0 - 9.0					✓	✓		✓							✓		
Flexisil SM2303 (1685L)	26.0 - 30.0	330 - 390	7 - 9	5.0 - 9.0					✓	✓		✓	✓						✓		
Flexisil SM3403 (1710L)	35.0 - 39.0	160 - 260	10 - 17	5.0 - 9.0					✓	✓		✓	✓						✓		
Flexisil D2301 (1549L)	28.0 - 30.0	330 - 390	7 - 8	2.5 - 3.0	✓				✓			✓			✓	✓					
Flexisil D3301 (1548L)	29.5 - 30.5	180 - 220	16 - 20	2.5 - 3.0	✓				✓			✓			✓	✓					
Flexisil D4401 (1546L)	33.0 - 35.0	135 - 200	15 - 22	2.5 - 3.0	✓				✓			✓				✓					
Flexisil L5501 (1480L)	50.1 - 51.2	80 - 110	40 - 55	8.6 - 9.6		✓									✓	✓					
Flexisil L6501 (1683L)	50.1 - 51.2	60 - 90	55 - 65	8.6 - 9.6						✓					✓	✓					
Flexisil L8501 (1684L)	50.1 - 51.2	40 - 65	65 - 80	8.6 - 9.6												✓					





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