



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	Coatings	Concrete uses	Industrial	Ink-jet	Inorganic Binder	Precision Investment Casting (PIC)	Precision Polishing	Paper Coatings	Oilfield Services	Refractory	Vacuum-formed Refractory Shapes	Water Treatment
FLEXISIL 2-12	12.0	950	2 - 3	10.8 - 11.3				✓						✓		✓	✓				✓
FLEXISIL 5-15	15.0	550	4 - 5	9.8 - 10.9			✓	✓			✓			✓	✓	✓	✓	✓			✓
FLEXISIL 8-30	30.0	320	8 - 10	10.2 - 10.8			✓	✓		✓	✓			✓	✓	✓		✓	✓	✓	✓
FLEXISIL 14-30	30.0	240	12-16	10.0 - 10.6				✓	✓	✓	✓			✓	✓			✓	✓	✓	✓
FLEXISIL 14-40	40.0	240	12-16	10.1 - 10.8					✓	✓	✓			✓	✓			✓	✓	✓	✓
FLEXISIL 20-30	30.0	180	16 - 20	9.0 - 10.0										✓	✓				✓		
FLEXISIL 20-40	40.0	180	16 - 20	9.0 - 10.5		✓				✓	✓			✓					✓	✓	✓
FLEXISIL 20-50	50.0	180	14 - 20	9.3 - 10.7		✓				✓	✓			✓				✓	✓	✓	✓
FLEXISIL 30-40	40.0	120	28 - 32	9.0 - 10.0		✓				✓				✓		✓			✓		
FLEXISIL 30-50	50.0	120	45 - 55	8.5 - 10.5	✓	✓				✓				✓					✓		
FLEXISIL 50-50	50.0	60	45 - 55	8.0 - 10.5		✓								✓		✓					
FLEXISIL 14-40 NH4	40.0	240	12 - 16	9.0 - 10.5					✓	✓		✓		✓	✓					✓	
FLEXISIL 20-30 NH4	30.0	180	16 - 20	9.0 - 10.5					✓	✓		✓		✓	✓					✓	
FLEXISIL 20-40 NH4	40.0	180	16 - 20	9.0 - 10.5					✓	✓		✓		✓	✓					✓	
FLEXISIL 30-40 NH4	40.0	120	28 - 30	9.0 - 10.5					✓	✓		✓		✓	✓					✓	
FLEXISIL 8-30A	30.0	310	8 - 10	10.2 - 10.8							✓	✓	✓	✓							
FLEXISIL 14-30A	30.0	230	12 - 16	8.5 - 9.3							✓	✓	✓								
FLEXISIL 14-30AG	28.0	240	12 - 16	8.6 - 9.3															✓		
FLEXISIL C30	30.0	320	8 - 12	8.0 - 9.2					✓										✓		
FLEXISIL C40	40.0	265	12 - 16	9.9 - 10.8					✓										✓		
FLEXISIL R40	40.0	200	14 - 18	9.5 - 10.0		✓					✓	✓		✓	✓				✓	✓	
FLEXISIL R40W	40.0	200	14 - 18	9.6 -- 10.2							✓	✓		✓					✓		

A - Aluminum modified, AG – Added Stabilizer, C - Catalyst, DI - Deionized, R - Refractory, SI- Silane modified, W - Winterized

This information relates only to the specific material referred to herein and not to its use in combination with any other material or in any process, unless explicitly stated herein. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled; however, no warranty, guarantee or other representation is made as to its accuracy, reliability, or completeness, or regarding any liabilities arising from others' intellectual property rights. ID# 20240220

