



Atlas Curable Resin Coated - One (CRC-One)

Superior by Nature, Quality by Badger®

Atlas Curable Resin Coated - One (CRC-One) is the ultimate in economical solutions for proppant flowback prevention in moderate temperature reservoirs. Coated on Premium Northern White sand substrate, our BadgerCoated™ CRC-One offers excellent strength and conductivity. The durable nature of our coating significantly reduces embedment versus uncoated propping agents like hard ceramic proppants, and because our coating is non-reactive, it reduces scale formation.

Typical Properties

	30/50	40/70
Krumbein Shape Factor - Sphericity	0.7 - 0.8	
Loss on Ignition	0.8% - 1.2%	
Turbidity (NTU)	< 200	
Acid Solubility	< 2%	
Absolute Volume (gal / lb)	0.046 - 0.048	
Particle Size Distribution	Meets API RP 19C	
Color	Gold	
Physical State	Free Flowing Solid	
Bulk Density (lb./ft ³)	102.36	102.62
Bulk Density (lb./gal)	13.7	13.7
Specific Gravity	2.61	2.61
Lowest Temperature for Product without Activator	160°F	160°F

For unconfined compressive strength (UCS) numbers, please utilize the tool on our website entitled *UCS Results Comparison: Proppant Flowback Prevention Recommendations*.

Conductivity md-ft @ 250° F (121° C)

Closure Stress PSI	30/50	40/70
2,000	1,098	456
4,000	995	409
6,000	814	349
8,000	568	268
10,000	335	177

* Data points represent the median value of accumulated Stim-Lab data

Permeability Darcy

Closure Stress PSI	30/50	40/70
2,000	63	26
4,000	57	23
6,000	47	15
8,000	33	16
10,000	20	11

* Data points represent the median value of accumulated Stim-Lab data

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All chemical and physical properties are typical and tested in accordance with ISO 13503-2/API 19C in BMC's laboratories. We give no warranty for our products, either expressed or implied. We recommend that you confirm all properties in the laboratory of your choice.



Silica Sand and Resin-Coated Silica Sand Products DANGER

These products have been classified, following the Globally Harmonized System (GHS) of Classifying and Labeling Chemicals criteria, as a Category 1A Carcinogen, a Category 1 Specific Target Organ Toxicity (following repeated exposures), and a Category 2B Eye Irritant. For Industrial Use Only. DO NOT USE THIS PRODUCT FOR BLASTING OR AS AN ABRASIVE. DO NOT PNEUMATICALLY UNLOAD THE RESIN-COATED SILICA SAND PRODUCTS AT A PRESSURE EXCEEDING 5 PSI SO AS TO AVOID ABRADING THE PRODUCT. DO NOT BREATHE DUST. Read the specific Safety Data Sheet (SDS) before using and follow applicable local, state and federal health and safety standards. The SDSs for the products are available online at www.badgerminingcorp.com or by calling 715-662-2400. October 22, 2016 Revision E