QUAD-CURE® RESIN SYSTEMS FOR CURED-IN-PLACE PIPE CHEMICAL RESISTANCE

Rev. 08-2020

Quad-Cure® Resin Systems are formulated to provide long-term corrosion resistance in municipal sanitary sewer pipes. Chemical Resistance testing is performed by our in-house R&D team in accordance with ASTM D543 and ASTM F1216 with coupon samples being exposed to reagents for a period of 30 days. All coupon samples are tested for flexural strength and flexural modulus of elasticity.

Flexural Properties

	ULT. FLEX STRENGTH PSI	STDEV	MODULUS PSI	STDEV
Control (Lims # 41700)	19,358	1,247	498,905	8,539
Tap Water Loss from Control	18,473 4.6%	392	449,755 9.9%	9,811
5% Nitric Acid Loss from Control	19,778 -2.2%	29	521,690 -4.6%	4,110
10% Phosphoric Acid Loss from Control	18,662 3.6%	261	457,794 8.2%	10,131
Vegetable Oil Loss from Control	19,851 -2.5%	1,450	503,209 -0.9%	6,936
10% Sulfuric Acid Loss from Control	17,893 7.6%	73	416,548 16.5%	3,236
Gasoline Loss from Control	18,836 2.7%	435	460,487 7.7%	11,850
0.1% Detergent (Alconox) Loss from Control	19,532 -0.9%	899	524,281 -5.1%	26,633
0.1% Pinky KleanSoap Loss from Control	19,749 -2.0%	479	527,171 -5.7%	5,097