

**LOW-MODULUS EPOXY POLYMER****PHYSICAL PROPERTIES**

Laboratory Tests	Results
C-881 Viscosity	1200-1800 cps
C-881 Gel Time	15-25 Minutes
C-884 Thermal Compatibility	Pass
D-2240 Shore D Hardness	65-73
D-570 Absorption	0.12%
AASHTO T-277 Chloride Ion Permeability	19 coulombs, negligible
C-882 Bond Strength (14 day cure)	2,000-2,500 psi
C-883 Shrinkage	Pass
D-695 Compressive Modulus	80,000-100,000 psi
C-579 Compressive Strength 3 hours w/sand	1,000 psi
C-579 Compressive Strength 24 hours w/sand	5,000 psi
D-638 Tensile Strength	2,500-3,000 psi
D-638 Tensile Elongation	40-50%
D-790 Flexural Strength	2,000-3,000 psi
ACI 503R Adhesion to Concrete	>500 psi (concrete failure)