

NON-SAG, HIGH-MODULUS, HIGH-STRENGTH DOWELING GEL

PHYSICAL PROPERTIES

LABORATORY TESTS	ASTM C-881 SPECIFICATIONS	Sample Conditioning Temperature	
		Class B	Class C
		40°F (4°C)	75°F (24°C)
Mix Ratio (A to B by volume)	n/a	1 to 1	
C-881 Consistency	¼" flow maximum ⁴	Non-sag	
C-881 Gel Time – 60 g mass (minutes)	5 minutes minimum ⁴	30	23
D-695 Compressive Strength (psi)	10,000 psi minimum ⁴	10,490	10,520
D-695 Compressive Modulus (psi)	200,000 psi minimum ⁴	575,000	591,500
D-570 Absorption	1% maximum ⁴	0.10%	
D-648 Heat Deflection Temperature	120°F minimum ⁴	143°F (61.7°C)	
C-882 Bond Strength - 2 day (psi)	1000 psi minimum ⁴	2,520	2,850
C-882 Bond Strength - 14 day (psi)	1500 psi minimum ⁴	3,070	3,220
D-2566 Linear Coefficient of Shrinkage	0.005 maximum	0.0006%	

Results based on testing for a representative lot of product. Average results may vary per the tolerances of the given property.

⁴ - ASTM C-881, Type IV – load bearing specifications