

## TEST RESULTS

Physical Properties	Test Method	Values
Specific Gravity	ASTM D-792	1.45
Mechanical Properties		
Tensile Strength at Yield (psi)	ASTM D-638	6,000
Elongation at Break (%)	ASTM D-638	154
Maximum Flexural Stress (psi)	ASTM D-790	10,200
Modulus of Elasticity (psi)	ASTM D-638	324,000
Hardness		
Durometer Shore D Rockwell R	ASTM D-2240	77
Rockwell L	ASTM D-785	57
Abrasion Resistance: Taber test (wt. loss in g. CS-10 wheels, 1 kg./wheel, 1000 cycles)	ASTM D-1044	0.015
Impact Strength	ASTM D-256	18
(ft.-lbs./in. of notch)	Izod Notched	
Impact Resistance	ASTM D-5420	6.5
(in.-lbs./mil)	Gardner Drop Dart	
Thermal Properties		
Heat Deflection Temperature Temperature @ 264 psi (annealed)	ASTM D-648	165-170°F (74-76.5°C)
Coefficient of Linear Thermal Expansion (in./in.-°F 10 <sub>s</sub> )	100°F (38°C)	4.5
	60°F (16°C)	4.2
Flammability Properties		
Fire Ratings	ASTM E-84 Tunnel Test*	
Flame Spread		
.060 in. (1.52 mm.) or less		20
.093 in. (2.36 mm.) or less		35
Smoke Developed		
.060 in. (1.52 mm.) or less		350
.093 in. (2.36 mm.) or less		350-450

\*UL\* file #R6738. Product applied to a nonflammable substrate using 3M™ Fastbond™ Contact Adhesive 30NF at an application rate of 130 square feet per gallon.