

MAX BOND Low Viscosity A/B

Physical Properties

Density (Mixed)	1.10 gm/cc
Form and Color	Part A – Clear Liquid Part B – Amber Liquid
Viscosity Mixed	5,624 cPs @ 77°F (25°C)
Mix Ratio	Equal parts by weight or by volume
Working Time	65 Minutes @ 77°F (25°C) (200 gm mass)
Peak Exotherm	280°F 300 gram mass
Cure Time	36 Hrs. Minimum
Accelerated Heat Cure Time	2 Hrs. @ room temperature plus 120 min. @ 212°F (100°C)

Mechanical Properties

Hardness	85 Shore D
Tee-Peel Strength	3.7 Pounds Per Inch Width
Compressive Strength	12,300 psi @ 77°F (25°C)
Tensile Shear Strength	3,800 psi @ 77°F (25°C) 1,900 psi @ -112°F (-80°C) 1050 psi @ 212°F (100°C)
Elongation	2.3% Maximum Yield
Service Temperature	-67°F to 250°F
Dielectric Value Electrical insulation	510 volts per .001" film thickness

Chemical Resistance Test

10 Day Soak Test @ 77°F (25°C)
WEIGHT CHANGE IN PERCENT

Distilled Water	.7 %
3% Salt Water	1.2 %
Sulfuric Acid 30%	1.9 %
Nitric Acid	3.8 %
Ammonia 10%	3.7 %
Sodium Hydroxide	10.00 %

Anti-Freeze or Motor Oil

No Effect