

PHYSICAL PROPERTIES
AND
MECHANICAL PROPERTIES

Density	1.10 G/CC
Form and Color	Clear Liquid
Viscosity	1,125 cPs @ 25°C Mixed
Mix Ratio	50 Parts “B” to 100 Parts “A” By Weight
Working Time	45 – 50 Minutes @ 25°C (100 Gram Mass)
Peak Exotherm	70°C (100 Gram Mass)
Thin Film Set Time (dry to the touch)	4 to 6 Hours
Handle Time	8 Hours
Cure Time And Accelerated Cure Time	2 to 7 days @ 25°C or 8 hours at room temperature plus 1 hours at 100°C
Hardness	75 ± 5 Shore D,
Tee-Peel Strength	3.7 Lbs. per inch Width
Tensile Shear Strength	2,554 psi @ 25°C
	1,010 psi @ -40°C
	950 psi @ 100°C

Elongation	3.0% @ 25°C
Flexural Strength	13,000 psi
Flexural Modulus	344,000 psi
Heat Deflection Temp.	110°C

CHEMICAL RESISTANCE PERFORMANCE

FULL IMMERSION at 30°C

MEASURED PERCENT CHANGE IN WEIGHT

REAGENT	3 days	28 days
Deionized Water	0.32	1.50
Sea Water	0.10	0.98
Methanol	7.93	-2.41
Ethanol	3.98	10.28
Toluene	0.54	2.86
Xylene	0.34	0.05
Butyl Cellosolve	16.63	5.31
MEK	Destroyed	Destroyed

10% Lactic Acid	1.21	5.42
10% Acetic Acid	0.54	0.45
70% Sulfuric Acid	0.08	0.14
50% Sodium Hydroxide	0	0
10% Sodium Hypochlorite	0.51	1.36