

TorrSeal Equivalent Technical Information

Typical Uncured Properties	Part A	Part B	Mixed
Pot Life @ 77°F, 100 grams mins	--	--	20 to 25
Color	White	Beige	White
Viscosity, cP	140,000 to 330,000	550,000 to 870,000	200,000 to 500,000
Specific Gravity	1.55	1.65	1.55
Mix Ratio			
By weight	100	44	--
By volume	2.5	1	--

Shear Strength, psi, ASTM D 1002 Etched Aluminum		
Cure Schedule	Test Temp °F	Typical Value
3 Days @ 77°F	-67	1000
	77	1750
	180	1500
	250	700
	300	500
2 Hours @ 140 °F	-67	1500
	77	2100
	180	1700
	250	750
	300	550

Typical Properties	Typical Value
Hardness, Shore D	80
Tg, °C	98
CTE, ASTM D 696, in/in/ °C	63 x 10 ⁻⁶
Thermal Conductivity, cal x cm/cm ² x secs x °C	13 x 10 ⁻⁴

Electrical Properties	Typical Value
Dielectric Strength, ASTM D149, V/mil	350
Dielectric Constant, MIL 1-16923. K 1kHz	6.1
Dissipation Factor, ASTM D 150 1kHz	0.09