

POLYURETHANE 70

SPECIFICATION – ASTM D2000 M2BG714 A14 B14 EO14 EO34	Test	Spec
Physical Properties		
Press Cure at 170°C for 10 mins		
Post Cure at 120°C for 1 hour		
Hardness, shore A	72	70 +/-5
Tensile, strength, MPa	21.4	14
Elongation, %	530	250
Specific Gravity	1.343	
Heat Ageing at 100°C for 70 hrs		
Hardness change, points	+5	+/-15
Tensile strength change, %	+8	+/-30
Elongation Change, %	-9	-50
Compression Set		
Heat Ageing at 100°C for 22 hrs	13	25
Fluid Resistance, test method No.1 oil at 100°C for 70 hrs		
Hardness Change, points	0	-5/+10
Tensile strength change, %	-19	-25
Elongation change, %	-5	-45
Volume change, %	-3	-10/+5
Fluid Resistance, test method No.3 oil at 100°C for 70 hrs		
Tensile strength change, %	-40	-45
Elongation change, %	-21	-45
Volume change, %	+12	0/+25

The above data is obtained through our own laboratory testing on slabs and buttons and als D2137