

POLYURETHANE 90

SPECIFICATION – ASTM D2000 M6BG910 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		92	90 +/-5
Tensile, strength, MPa		15.4	10
Elongation, %		123	100
Specific Gravity		1.219	
Heat Ageing at 100°C for 70 hrs			
Hardness change, points		+1	+15
Tensile strength change, %		-2	-20
Elongation Change, %		-11	-40
Compression Set			
Heat Ageing at 100°C for 22 hrs		20	25
Fluid Resistance, test method No.1 oil at 100°C for 70 hrs			
Hardness Change, points		-4	-5/+15
Tensile strength change, %		-17	-25
Elongation change, %		-37	-45
Volume change, %		+1.9	-10/+5
Fluid Resistance, test method No.3 oil at 100°C for 70 hrs			
Tensile strength change, %		-45	-35
Elongation change, %		-44	-45
Volume change, %		+25	0/+35

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

THESE RESULTS ARE FOR REFERENCE PURPOSES ONLY AND M SEALS MAKES NO WARRANTY, EXPRESSED OR IMPLIED, THAT PARTS MANUFACTURED IN THIS COMPOUND WILL PERFORM SATISFACTORILY IN THE CUSTOMER'S APPLICATION.
 IT IS THE CUSTOMER'S RESPONSIBILITY TO TEST PARTS PRIOR TO THEIR USE .