

## POLYURETHANE 70

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

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 .