

## 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