

## NITRILE 60

SPECIFICATION – ASTM D2000 M2BG610 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	59	60 +/-5
Tensile, strength, MPa	12.5	10
Elongation, %	594	300
Specific Gravity	1.222	
<b>Heat Ageing at 100°C for 70 hrs</b>		
Hardness Change, points	+3	+/-15
Tensile Change, %	+6	+/-30
Elongation Change, %	-17	-50
<b>Compression Set, 100°C for 70 hrs</b>		
<b>Press Cure at 170°C for 12 mins</b>		
<b>Post Cure at 120°C for 1 hr</b>		
<b>Heat Ageing at 100°C for 22 hrs</b>	10	25
<b>ASTM No.1 Oil Immersion at 100°C for 70 hrs</b>		
Hardness Change, points	+2	-5/+10
Tensile change, %	-7	-25
Elongation change, %	-11	-45
Volume Change, %	-4	-10/+5
<b>ASTM IRM 903 Oil Immersion at 100°C for 70 hrs</b>		
Hardness Change, points	-6	-10/+5
Tensile change, %	-16	-45
Elongation change, %	-6	-45
Volume change, %	+15	0/+25

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