

## 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>			
Heat Ageing at 100°C for 22 hrs		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

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 .