M SEALS
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NITRILE 50

SPECIFICATION – ASTM D2000 M2BG507 A14 B14 EO14 EO34 F17	Test	Spec
Physical Properties		
Press Cure at 170ºC		
Hardness, shore A	49	50 +/-5
Tensile, strength, MPa	8.4	7
Elongation, %	662	350
Specific Gravity	1.233	
Heat Resistance at 100ºC for 70 hrs		
Hardness Change, points	+4	+/-15
Tensile Change, %	+1	+/-30
Elongation Change, %	-15	-50
Compression Set, 100ºC for 70 hrs		
Compression set, %	9	25
No.1 Oil Resistance at 100ºC for 70 hrs		
Hardness Change, points	+4	-5/+10
Tensile change, %	+16	-25
Elongation change, %	-9	-45
Volume Change, %	-2	-10/+5
No.3 Oil Resistance at 100ºC for 70 hrs		
Hardness Change, points	-8	-10/+5
Tensile change, %	-13	-45
Elongation change, %	-18	-45
Volume change, %	+8	0/+25

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