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NITRILE 60

SPECIFICATION – ASTM D2000 M2BG610 A14 B14 EO14 EO34	Test	Spec
Physical Properties		
Press Cure at 170ºC for 10 mins		
Post Cure at 120ºC for 1 hour		
Hardness, shore A	59	60 +/-5
Tensile, strength, MPa	12.5	10
Elongation, %	594	300
Specific Gravity	1.222	
Heat Ageing at 100ºC for 70 hrs		
Hardness Change, points	+3	+/-15
Tensile Change, %	+6	+/-30
Elongation Change, %	-17	-50
Compression Set, 100ºC for 70 hrs		
Press Cure at 170ºC for 12 mins		
Post Cure at 120ºC for 1 hr		
Heat Ageing at 100ºC for 22 hrs	10	25
ASTM No.1 Oil Immersion at 100ºC for 70 hrs		
Hardness Change, points	+2	-5/+10
Tensile change, %	-7	-25
Elongation change, %	-11	-45
Volume Change, %	-4	-10/+5
ASTM IRM 903 Oil Immersion at 100ºC for 70 hrs		
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