

NITRILE 70

Operating Temp Range (-)30-(+)120°C

SPECIFICATION - ASTM D2000 M2BG710 B14 EA14 EO14 EO34	Test	Spec	ATSM Method
Original Properties			
Hardness, Shore A	73	70+/-5	D 2240
Tensile Strength, min, MPa	14.7	10	D 412
Elongation, min, %	350	250	D 412
Compression Set, Method B			D 2240
22 hrs at 100 deg c, max, %	13	25	
Water Resistance, 70 hrs at 100°C			D471
Hardness Change, points			
Volume Change, %			
IRM 901 Oil Resistance, 70 hrs at 100°C			D471
Hardness Change, points	+2	-5/+10	
Tensile strength change, %	+9	-25	
Elongation Change, max, %	-15	-45	
Volume Change, %	-3	-10/+5	
IRM 903 Oil Resistance, 70 hrs at 100°C			D471
Hardness Change, points	-10	-10/+5	
Tensile Change, max, %	-19	-45	
Elongation Change, max, %	-22	-45	
Volume change, %	+17	0/+25	
Specific Gravity	1.28	0/+0.05	
Colour: Black			

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