

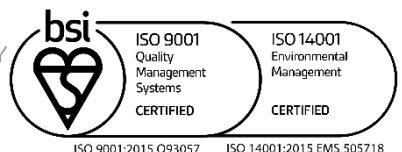


## NITRILE 70 O-RING RUBBER MATERIAL

### MATERIAL SPECIFICATION SHEET

Operating Temp Range: -30 to + 120°C

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



ISO 9001:2015 Q93057

ISO 14001:2015 EMS 505718

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