

## NITRILE 70

Operating Temp Range (-)30-(+)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	
<b>Specific Gravity</b>			<b>1.28</b>
<b>Colour: Black</b>			<b>0/+0.05</b>

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 .