



# MATERIAL DATA SHEET

PARAMETER	VALUE
Temperature Range	-30°C to +90°C
Specific Gravity [ASTM D 297]	1.45 ± 0.05
Hardness – Shore A [ASTM D 2240]	70° ± 5°
Tensile Strength [ASTM D 412]	40kg/cm <sup>2</sup> (Min)
Elongation at Break [ASTM D412]	200% (Min)
Compression Set (70° for 24 Hrs at 25% Set) [ASTM D 395, Method B]	40% (Max)
Tear Resistance (Angular) [ASTM D 624]	18kg/cm (Min)
Polymer Content (Nitrile)	10%
<b>Change in Properties – Heat Ageing (72 Hrs at 70°C) [ASTM D 573]</b>	
Hardness	+5PTS (Max)
Tensile Strength	+10 / -25%
Elongation at Break	+10 / -25%
<b>Volume Swell (70°C for 72 Hrs/ln) [ASTM D 471]</b>	
IRM Oil No. 1	+30%
IRM Oil No. 2	-44%
IRM Oil No. 3	+85%
<b>Chemical Resistance [ASTM D 1149]</b>	
Ozone	Fair
Dilute Acids and Bases	Fair
Concentrated Acids and Bases	Not Recommended
Oils	Not Recommended
Solvents	Not Recommended

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