

## Material : Nitrile Butadiene Rubber

MAX SPARE Code : NT 52

Physical properties	Nominal	Units
<b>Hardness</b> ASTM D 2240, 23 °C	65-75	Shore A-2
<b>Tensile strength</b> ASTM D 412, 23 °C	> 102	Kg/Cm <sup>2</sup>
<b>Elongation at break</b> ASTM D 412, 23 °C	> 250	%
<b>Compression set</b> ASTM D 395, 100 °C, 22 h, 25 %	< 25	%
<b>Air Ageing</b> ASTM D 573, 100 °C, 70 h		
<b>Hardness Change</b>	<(+15)	Points
<b>Tensile Change</b>	<(-20)	%
<b>Elongation Change</b>	<(-40)	%
<b>Fluid Resistance, ASTM Oil-1</b> ASTM D 471, 100 °C, 70 h		
<b>Hardness Change</b>	-5 to+15	Points
<b>Tensile Change</b>	<(-25)	%
<b>Elongation Change</b>	<(-45)	%
<b>Volume Change</b>	-10 to +5	%
<b>Fluid Resistance, ASTM Oil-3</b> ASTM D 471, 100 °C, 70 h		
<b>Hardness Change</b>	<(-15)	Points
<b>Tensile Change</b>	<(-45)	%
<b>Elongation Change</b>	<(-45)	%
<b>Volume Change</b>	0 to +35	%
<b>Specific Gravity</b> ASTM D 792, 23 °C	1.17	Gm/cc
<b>Low temp. Brittleness</b> ASTM D 2137, -40 °C, 3 minutes	Pass	-
<b>Temp. Range</b>	-50 to 100	°C

### Disclaimer

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