

## Material : Nitrile Butadiene Rubber

MAX SPARE Code : NT 25 (XNBR)

Physical properties	Nominal	Units
<b>Hardness</b> ASTM D 2240, 23 °C	86-95	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	> 100	%
<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>	±10	Points
<b>Tensile Change</b>	<(-20)	%
<b>Elongation Change</b>	<(-30)	%
<b>Fluid Resistance, ASTM Oil-1</b> ASTM D 471, 100 °C, 70 h		
<b>Hardness Change</b>	-10 to+5	Points
<b>Tensile Change</b>	<(-20)	%
<b>Elongation Change</b>	<(-30)	%
<b>Volume Change</b>	-0 to +20	%
<b>Fluid Resistance, ASTM Oil-3</b> ASTM D 471, 100 °C, 70 h		
<b>Hardness Change</b>	<(-20)	Points
<b>Tensile Change</b>	<(-50)	%
<b>Elongation Change</b>	<(-50)	%
<b>Volume Change</b>	0 to +25	%
<b>Specific Gravity</b> ASTM D 792, 23 °C	1.21	Gm/cc

### Disclaimer

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