

## Material : Hydrogenated Nitrile Butadiene Rubber

MAX SPARE Code : NT 34A(HNBR)

Physical properties	Nominal	Units
<b>Hardness</b> ASTM D 2240, 23 °C	70-75	Shore A
<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, 150 °C, 22 h, 25 %	< 30	%
<b>Air Ageing</b> ASTM D 573, 150 °C, 70 h		
<b>Hardness Change</b>	<(+10)	Points
<b>Tensile Change</b>	<(-25)	%
<b>Elongation Change</b>	<(-50)	%
<b>Fluid Resistance, ASTM Oil-1</b> ASTM D 471, 150 °C, 70 h		
<b>Hardness Change</b>	-5 to+10	Points
<b>Tensile Change</b>	<(-20)	%
<b>Elongation Change</b>	<(-40)	%
<b>Volume Change</b>	-15 to +5	%
<b>Fluid Resistance, ASTM Oil-3</b> ASTM D 471, 150 °C, 70 h		
<b>Hardness Change</b>	-15 to +5	Points
<b>Tensile Change</b>	<(-40)	%
<b>Elongation Change</b>	<(-40)	%
<b>Volume Change</b>	0 to +25	%
<b>Specific Gravity</b> ASTM D 792, 23 °C	1.21	Gm/cc
<b>Ash Content</b> 800°C, 2 Hrs	<10	%
<b>Operating temp.</b>	-30 to 150	°C

### Disclaimer

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