

Material : Hydrogenated Nitrile Butadiene Rubber

MAX SPARE Code : NT 34F(HNBR)

Physical properties	Nominal	Units
Hardness ASTM D 2240, 23 °C	40-45	Shore A
Tensile strength ASTM D 412, 23 °C	> 102	Kg/Cm ²
Elongation at break ASTM D 412, 23 °C	>400	%
Compression set ASTM D 395, 150 °C, 22 h, 25 %	< 30	%
Air Ageing ASTM D 573, 150 °C, 70 h		
Hardness Change	<(+10)	Points
Tensile Change	<(-25)	%
Elongation Change	<(-50)	%
Fluid Resistance, ASTM Oil-1 ASTM D 471, 150 °C, 70 h		
Hardness Change	-5 to +10	Points
Tensile Change	<(-20)	%
Elongation Change	<(-40)	%
Volume Change	-15 to +5	%
Fluid Resistance, ASTM Oil-3 ASTM D 471, 150 °C, 70 h		
Hardness Change	-15 to +5	Points
Tensile Change	<(-40)	%
Elongation Change	<(-40)	%
Volume Change	0 to +25	%
Specific Gravity ASTM D 792, 23 °C	1.14	Gm/cc
Ash Content 800°C, 2 Hrs	<10	%

Disclaimer

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