

Material : Nitrile Butadiene Rubber

MAX SPARE Code : NT 54 – LOW TEMPERATURE NBR

Physical properties	Nominal	Units
Hardness ASTM D 2240, 23 °C	75-85	Shore A-2
Tensile strength ASTM D 412, 23 °C	> 102	Kg/Cm ²
Elongation at break ASTM D 412, 23 °C	> 102	%
Compression set ASTM D 395, 100 °C, 22 h, 25 %	< 25	%
Air Ageing ASTM D 573, 100 °C, 70 h		
Hardness Change	<(+15)	Points
Tensile Change	<(-20)	%
Elongation Change	<(-40)	%
Fluid Resistance, ASTM Oil-1 ASTM D 471, 100 °C, 70 h		
Hardness Change	-5 to+15	Points
Tensile Change	<(-25)	%
Elongation Change	<(-45)	%
Volume Change	-10 to +5	%
Fluid Resistance, ASTM Oil-3 ASTM D 471, 100 °C, 70 h		
Hardness Change	<(-15)	Points
Tensile Change	<(-45)	%
Elongation Change	<(-45)	%
Volume Change	0 to +35	%
Specific Gravity ASTM D 792, 23 °C	1.21	Gm/cc
Low temp. Brittleness ASTM D 2137, -40 °C, 3 minutes	Pass	-
Temp. Range	-50 to 100	°C

Disclaimer

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