

Technical Datasheet SG-8290N

Beater Addition Soft Gasket Material



Material Composition

Mix of reinforced fibres with high rubber contents.
Binders: Nitrile Butadiene

Application

It is a flexible material with high recovery property and can be used for soft gasket applications like oil/fuel/water pumps, carburetors, gearboxes, oil pans etc.

Color

Grey, Green, Blue (other color upon request)

Compliance

ASTM F 104 Type 7

Standard Dimensions of Material

Roll Width : 1000mm $\pm$ 50mm
Roll Weight : 50 kg (Approx.)

Available Thickness

0.40mm to 2.00mm

Operating Condition

Max. Operating Temperature : 180 °C

Technical Specifications

Typical Properties	Test Method	Typical Value	Unit
Density	ASTM F 1315	1.20 (Min.)	g/cm ³
Compressibility at 350 kg/cm ²	ASTM F 36J	15 – 30	%
Recovery	ASTM F 36J	35 (Min.)	%
Tensile Strength	ASTM F 152	110 (Min.)	kg/cm ²
ASTM Oil No. 3/IRM 903 (5h, 150 °C)			
Thickness Increase	ASTM F 146	$\leq$ 20.0	%
Weight Increase	ASTM F 146	$\leq$ 40.0	%
ASTM Fuel B (5h, 21 °C to 30 °C)			
Thickness Increase	ASTM F 146	$\leq$ 20.0	%
Weight Increase	ASTM F 146	$\leq$ 40.0	%
In Distilled Water (5h, 21 °C to 30 °C)			
Thickness Increase	ASTM F 146	$\leq$ 20.0	%
Weight Increase	ASTM F 146	$\leq$ 40.0	%

*Size & Thickness Tolerance: $\pm$ 10%

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