

Technical Datasheet SG-ECO



Beater Addition Soft Gasket Material

Material Composition

Mix of reinforced fibres with rubber contents.

Application

Suitable for general purpose soft gasket applications like oil/fuel/water, gearboxes etc.

Color

Grey (other color upon request)

Compliance

ASTM F 104

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 : 200 °C

Technical Specifications

Typical Properties	Test Method	Typical Value	Unit
Density	ASTM F 1315	1.20 \pm 0.05	g/cm ³
Compressibility at 350 kg/cm ²	ASTM F 36J	15 – 25	%
Recovery	ASTM F 36J	20 (Min.)	%
Tensile Strength	ASTM F 152	40 (Min.)	kg/cm ²
Ignition Loss at 850 °C		\leq 35.0	%
ASTM Oil No. 3/IRM 903 (5h, 150 °C)			
Thickness Increase	ASTM F 146	\leq 10.0	%
Weight Increase	ASTM F 146	\leq 50.0	%
ASTM Fuel B (5h, 21 °C to 30 °C)			
Thickness Increase	ASTM F 146	\leq 10.0	%
Weight Increase	ASTM F 146	\leq 50.0	%
In Distilled Water (5h, 21 °C to 30 °C)			
Thickness Increase	ASTM F 146	\leq 30.0	%
Weight Increase	ASTM F 146	\leq 60.0	%

*Size & Thickness Tolerance: \pm 10%

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