

Technical Specification Sheet

Reference: KN002

Basis: EPDM/CR

Cellular Structure: Closed cell expanded rubber

Features: Versatile product

Technical Properties	Unit	Value
Density:	130+ / - 20kg / m ³	
Hardness:	Shore 00	30-50
Tensile Strength:	ISO 1798-97	478 kPa
Compression – Deflection:	ASTM D 1056 – 78 - 25%	35Kpa * 20 – 50 kPa
Compression Set:	23 °C/70°F ASTM D 1056 – 78	16%
Vacuum – Water Absorption	ASTM D 1056-78	4%
Ultimate Elongation	ISO 1798-97	> 150%
Dimensional Stability:	After 3h 80°C	-3.2%
Temperature Range:	Constant Intermittent	- 40°C / + 100°C + 115°C
Linear Shrinkage:	After 7 days 70°C	-3%
Tear Resistance:	ISO 34-1 (B-a)94	> 0.5kN/m
Resistance:	Air + U.V Ozone Oil	Excellent 168h / 200 pphm Medium
Specifications, Standards:	ASTM D 1056-07 NF R 99211-80 FM VSS 302 UL 94	2A1/2 A2 B2 C2 F1 M P 3C 08 A1 B3 C2 G2 P2 Conforms e ≥ 3mm UL94 HBF
Environmental Protection:	CFC and HCFC Free	
Recycling:	Can be Recycled	

This information is based on our knowledge and test results. Values should be considered as an average, customers should check that the material is suitable for their applications. Results may vary dependent upon the conditions they are used in and recommendations are made without warranty or guarantee.