



O-Ring EPDM Technical Datasheet

Description

EPDM O-rings are manufactured from a blend of EPDM and other polymers. They are typically used as an O-ring for general purpose applications.

Application

EPDM has good resistance to water, and some weathering and ozone resistance. It is not suitable for contact with petroleum liquids. The material is designed for medium range applications.



Typical Physical Properties

Polymer		EPDM
Density	ASTM D297	1.12g/cc
Hardness	ASTM D2240	70 Shore A +/-5
Tensile Strength	ASTM D412	15.31MPA
Elongation	ASTM D412	375%
Compression Set	ASTM D395 B	57% (22hrs @100°)
Temperature Range	Intermittent	-30°C to 90°C

Availability

Size	1mm to 600mm (in one piece), others on request
Cross Section	1mm x 12mm, others on request
Standards	BS1806, BS4518, ISO/DIN 3601,
Specification	ASTM D2000 M4CA 710 A25 B35 C32 EA14 E19 G11
Colour	Black
Materials	Full range on request

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