

Technical Data Sheet

GASKET (EPDM FOAM)

TDS No. : *TDS/GASKETEPDM*

Issue Date : *20 April 2019*

DESCRIPTION

Gaskets are mainly made of EPDM. Ethylene Propylene Diene Monomer (EPDM) is a high density synthetic rubber that is extremely versatile with an ability to withstand high temperatures (up to 215 °C). EPDM has excellent heat, ozone/weathering, and aging resistance. EPDM is ideal for many interior and exterior applications. EPDM rubber also has a great resistance to abrasives and tearing. EPDM rubber is also has good resistance to Steam, Polar substances, Ketones, diluted acids and alkaline.

PROPERTIES

Item	Standard	Result
Tensile Strength (MPa)	ASTM D 412	9
Elongation at Break (%)	ASTM D 412	420
M100 (MPa)	ASTM D 412	Foam
Specific Gravity	ISO 2781	0.9
Hardness (Shore A)	ASTM D2240	40
Compression Set 24h/70°C (%)	ASTM D 395: Type 1 Method B	15
Color	-	Black/ white

STORAGE

Keep container in a well-ventilated area at room temperature. Avoid source of heat, spark, flame and direct sunlight.

DISCLAIMER

While all the information presented in this document is believed to be reliable and to represent the best available data on these products, no guarantee, warranty or representation is made intended or implied as to the correctness or sufficiency to any information or to the suitability of any chemical compound for any particular use. Each user should conduct a sufficient investigation to establish the suitability of any product for its intended use.

Please do immersion test before using the product to confirm whether it is suitable for the solution. It is necessary to complete the sealing test before batch use.