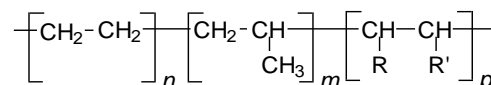


Ethylene Propylene Elastomer (EPDM, FDA)



SPECIFICATIONS

Property	Spec	Value
Hardness Shore A	ISO 868	81
Tensile Strength	DIN 53 504	9 MPa
Spec. Gravity	ISO 1183	1120 kg/m ³
Modulus 100%	DIN 53 504	5 MPa
Elongation at Break	DIN 53 504	140%
Compression Set 24h, 70°C, 25% deflection	ISO 815	14%
Compression Set 24h, 100°C, 25% deflection	ISO 815	15%
Min. Service Temperature		-30°C
Max. Service Temperature		130°C
Color		Blue

DESCRIPTION

ME71 is an EPDM material with hardness of 81±5A. As a seal material, EPDM is very useful elastomer because of its wide application temperature range and unique fluid resistance that most other elastomers cannot match. EPDM provides the best resistance to hot water, steam and phosphate ester hydraulic fluids. EPDM can be used in brake systems that use glycol-based fluid or synthetic ester lubricants that are used for low temperature applications. EPDM has resistance to some polar solvents such as ketones, esters or alcohols, some acids and alkalis. However EPDM is not suitable for mineral hydrocarbon oils, greases and fuels. FDA approved.