



EPDM MATERIAL DATA SHEET

Material Type: Peroxide Cured Ethylene Propylene Diene Monomer

Application: Excellent Base, Steam and Water Resistance. Seals are produced from this material for repeated use in the production of food and pharmaceutical products.

Temperature Resistance: Minimum Temperature -70 F °
Maximum Temperature 310 F

USP Class VI tested, documentation available upon request.

Compound Number: FS-EPDM70-USP05

Property	Test Method	Results
Specific Gravity	ASTM D4894-89a	.85
Tensile Strength	ASTM D412	2500 psi
Elongation @ Break	ASTM D412	395%
Compression Set 22 Hrs at 257°F	ASTM D395	11%
Compressive Strength @ 5% Strain	ASTM D695	2,620 psi
Hardness	ASTM D1415	75 Shore A

*The preceding data gives the typical properties of the selected EPDM material. These are typical properties and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used only as a guide at your discretion and risk. Flow Smart cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or a recommendation to infringe any patents.