

EPDM stands for Ethylene Propylene Diene Monomer. It is a type of synthetic rubber known for its excellent weather resistance and durability. EPDM is commonly used in various applications, including automotive parts, roofing systems, seals, gaskets, and electrical insulation. It offers good resistance to UV radiation, ozone, weathering, and chemicals.

Chemical Description

Description	Value
Material Type	Synthetic Rubber
Chemical Name	Ethylene Propylene Diene Monomer
Additives	Unfilled
Color	Black
UV Resistant	Yes

Physical Properties

Property	Maximum Unless Range is Specified
Density, lbs/in ³	0.0311
Coefficient of Linear Thermal Expansion, x10 ⁻⁵ in./in./°F	32
Maximum Service Temp, °F	302-350
Minimum Service Temp, °F	-65.2
Brittleness Temp, °F	-90
Glass Transition Temp, °F	-65.2

Mechanical Properties

Property	Maximum Unless Range is Specified
Ultimate Tensile Strength, ksi	2.47
Elongation at Break	600%
Hardness Shore A	40-90

The material properties in this datasheet are provided by one of the manufacturers collaborating with Naxtry. Please note that material properties may slightly vary among different manufacturers. Naxtry can accommodate customer requests for specific materials or brands.