

TECHNICAL DATA SHEET

50A EPDM

DESCRIPTION

Ethylene propylene diene monomer rubber is a great material for a variety of MRO and OEM applications.

APPLICATIONS

EPDM is also commonly used for NVH and Sealing applications in a variety of different styles with the automotive industry. NVH grommets, vibration dampeners, panel plugs, outdoor gaskets, masking caps & plugs.

PRODUCT BENEFITS

- Excellent weather and ozone resistance, good low-temperature flexibility while offering good chemical & heat resistance.
- Custom formulations are available to meet special requirements (i.e., non-conductive, high temperature).
- Limitations: Poor petroleum oil and solvent resistance.

TECHNICAL DATA

ITEM	VALUE
Hardness	50 A
Elongation	1300 psi
Heat Resistant	(70 hrs 125C)
<ul style="list-style-type: none">• Change in hardness	+7
<ul style="list-style-type: none">• Change in tensile	-10%
<ul style="list-style-type: none">• Change in elongation	-23%
Compression Set (22 hrs 125C)	26%
Low Temperature Brittleness	ASTM D2137
Method A 9.3.2	Nonbrittle After 3 min. At -55C
Water Resistance	70 hrs 100C
Volume Change	-2%
Resistance to Ozone	ASTN D1171
Exposure Method B	pass
Maximum Service Temperature	177C

The above values are typical values and should be used only as a guide. Due to the nature of process variables, Echo makes no warranty or guarantee on the use of this product in a specific process and user should always test material in their own process before running production.