

Ethylene Propylene Diene Monomer (EPDM)

Technical Data Sheet – E1423

Updated 21.04.2022

Product Description

EPDM is known for its ozone and weathering resistance, as well as durability. Available in Peroxide Cure (FDA).

General Temperature Range: - 40°C to 120°C

Adheres to: ASTM D2000 M2BG714 A14 B14 EA14 EF11 EF21 EO14 EO34 F17

Standard Hardness (SHORE A): 60, **70**, 80 and **90**

Available in Other Hardness as per client requirement

Used in the Automotive, Aircraft, Off-road and Marine and Construction. Durable when exposed to UV/Sunlight.



Physical Properties [UOM]

Values

70 Hardness

90 Hardness

	<u>70 Hardness</u>	<u>90 Hardness</u>
Hardness [Shore A] (ASTM D 2240)	70 ± 5	90 ± 5
Tensile [MPa] (ASTM D412)	14.4	15.00
Elongation at Break [%] (ASTM D 412)	321	317
Specific Gravity [g/cm ³]	1.23	1.27
Compression Set [%] (ASTM D395 – B14) (22 Hours @ 100°C)	12	11.40
Ozone Resistance [N/A] (ASTM D1171) (Method B)	No Cracks	No Cracks

Commonly serves the Automotive Door & Glass Sealing industries, used for the same in construction and roofing, door sealing or salt water applications.