

MATERIAL EPDM 75 Shore Metal/X-Ray Detectable FDA Purple
ASTM D 2000 M1 CA 708 A25

DESCRIPTION EPDM is a polymer of ethylene, propylene and a small amount of diene
Cure system is peroxide

APPLICATION EPDM's have good resistance to ozone, ageing and weathering. They are suitable for HFC & HFD flame retardant hydraulic oils and brake fluids and have exceptional resistance to hot water, steam and acids. This compound can be detected by metal detectors and X-Ray detectors.

TEMPERATURE Low temperature service limit -40°F (-40°C)
Upper temperature continuous service limit +212°F (+100°C)

PRODUCTS Moulding (custom/O rings)

PHYSICAL PROPERTIES

ORIGINAL	STANDARD	TYPICAL VALUES
Specific Gravity	ASTM D1817	1.66
Durometer shore A (slab)	ASTM D2240	72
Elongation % (Dumbbell)	ASTM D412	398
Tensile strength Psi (Mpa) (Dumbbell)	ASTM D412	1203 (8.3)
Compression set % 22h @ 212°F (100°C) (slab)	ASTM D395B	20

Information

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