

Typical Properties of EP43

Closed Cell Sponge Rubber (EPDM Blend)

POLYMER

EPDM BLEND

SPECIFICATIONS

ASTM D 1056 Designation 2A3
 SAE J 18 APR2002 Designation 2A3
 ASTM D 6576 II B / C Medium

PHYSICAL PROPERTIES	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi	11 +/- 2
DENSITY	ASTM D1056	lb/ft ³	9 +/- 2
COMPRESSION SET	ASTM D1056	%	<30
WATER ABSORPTION MAXIMUM WEIGHT CHANGE	ASTM D1056	%	<5
SERVICE TEMPERATURE Low High Continuous High Intermittent	ASTM D764	°F °F °F	-70 220 250
TENSILE STRENGTH	ASTM D412 (DIE A)	psi	100
ELONGATION	ASTM D412 (DIE A)	%	125
HARDNESS, DUROMETER SHORE 00	ASTM D2240		60 +/- 5
TEAR STRENGTH	ASTM D624 (DIE C)	lb/in	12
RESILIENCE	ASTM D2632	%	20
FLUID IMMERSION (7 days @ 23°C [73.4°F]) ASTM Ref Fuel B, Weight Change %	ASTM D1056	%	Not Applicable
ACCELERATED AGING (7 days @ 70°C [158°F]) Flexibility (180° Bend Without Cracking) Appearance Change Change in Compression Deflection	ASTM D1056 ASTM D1056 ASTM D1056	%	Pass None +/- 30%
COMBUSTION CHARACTERISTICS	FMVSS-302 UL94HF-1		Pass (Passable, but not UL Listed)
COLOR	N/A	N/A	BLACK

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