

# Typical Properties of EP41

## Closed Cell Sponge Rubber (EPDM Blend)

**POLYMER**

**EPDM BLEND**

**SPECIFICATIONS**

ASTM D 1056 Designation ..... 2A1  
 SAE J 18 APR2002 Designation ..... 2A1  
 ASTM D 6576 ..... II B / C Soft

PHYSICAL PROPERTIES	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi	3.5 +/- 1.5
DENSITY	ASTM D1056	lb/ft <sup>3</sup>	4 +/- 1
COMPRESSION SET	ASTM D1056	%	<40
WATER ABSORPTION MAXIMUM WEIGHT CHANGE	ASTM D1056	%	5
SERVICE TEMPERATURE Low High Continuous High Intermittent	ASTM D1056	°F °F °F	-40 200 250
TENSILE STRENGTH	ASTM D412 (DIE A)	psi	50
ELONGATION	ASTM D412 (DIE A)	%	125
HARDNESS, DUROMETER SHORE 00	ASTM D2240		42 + 5
TEAR STRENGTH	ASTM D624 (DIE C)	lb/in	6.8
RESILIENCE	ASTM D2632	%	45
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		Pass (Passes flame test with thickness greater than 3/16" only)
COLOR	N/A	N/A	BLACK

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