



3991 Closed Cell Sponge

Property	Test Method	Result
Polymer		EPDM
Color		Black
Sheet Size		42" x 54"
ASTM D-1056		2A1
ASTM D-6576-07 Classification		Type II, B or C, Soft
SAEJ18 APR2002		2A1
Density (lbs/ft ³)	ASTM D 1056	4 ± 1
Durometer (Shore 00)	ASTM D 2240	35 ± 5
Compression Deflection (25%)	ASTM D 1056	3.5 ± 1.5 psi
Compression Set (%)	ASTM D 1056	≤ 40%
Tensile Strength	ASTM D 412 (DIE A)	40 psi
Tear Strength (lb./in)	ASTM D 624 (DIE C)	6.8
Elongation (%)	ASTM D 412 (DIE A)	175%
Resilience	ASTM D 2362	45%
Service Temperature:		
-Low	ASTM D 746	-70°F
-High Continuous	ASTM D 746	220°F
-High Intermittent	ASTM D 746	250°F
Water Absorption		
-Maximum Weight Change %	ASTM D 1056	< 5%
Fuel Immersion:		(7 days at 73.4°F)
ASTM Ref, Fuel B, Weight Change %	ASTM D 1056	NA
Accelerated Aging		(7 days at 158°F)
-Flexibility	ASTM D 1056	Pass
-Appearance Change	ASTM D 1056	None
-Change in Compression Deflection	ASTM D 1056	± 30%
Flammability	FMVSS302	Pass

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