



2045 Closed Cell Sponge

Property	Test Method	Result
Polymer		Neoprene
Color		Black
Sheet Size		40" x 48"
ASTM D-1056		2C5
ASTM D-6576-07 Classification		Type II, A & B, Firm
SAEJ18 APR2002		2C5
Density (lbs/ft ³)	ASTM D 1056	19 ± 4
Durometer (Shore 00)	ASTM D 2240	70 ± 10
Compression Deflection (25%)	ASTM D 1056	21 ± 4 psi
Compression Set (50%)	ASTM D 1056	25 max
Tensile Strength	ASTM D 412 (DIE A)	200 psi
Tear Strength (lb./in)	ASTM D 624 (DIE C)	35
Elongation (%)	ASTM D 412 (DIE A)	200%
Resilience	ASTM D 2362	30%
Service Temperature:		
-Low	ASTM D 746	-40°F
-High Continuous	ASTM D 746	150°F
-High Intermittent	ASTM D 746	200°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	≤ 150%
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 at thicknesses of 0.1875" and higher

Hanna Rubber Company
 908 West 25th Street
 Kansas City, Mo. 64108
 P: 816-221-9600
www.hannarubber.com