



## 5031 Closed Cell Sponge

Property	Test Method	Result
Polymer		CR, EPDM, SBR Blend
Color		Black
Sheet Size		42" x 72"
ASTM D-1056		2A1
ASTM D-6576-07 Classification		Type II, A, B, C, Soft
SAEJ18 APR2002		2A1
Density (lbs/ft <sup>3</sup> )	ASTM D 1056	6 ± 2
Durometer (Shore 00)	ASTM D 2240	45 ± 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)	75 psi
Tear Strength (lb./in)	ASTM D 624 (DIE C)	9.6
Elongation (%)	ASTM D 412 (DIE A)	125%
Resilience	ASTM D 2362	35%
Service Temperature:		
-Low	ASTM D 746	-40°F
-High Continuous	ASTM D 746	200°F
-High Intermittent	ASTM D 746	250°F
Water Absorption		
-Maximum Weight Change %	ASTM D 1056	< 10%
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

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.

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