



HANNA RUBBER COMPANY

Specification Sheet

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-6576-20 Classification		Type II, A, B, C, Soft
SAE J18 APR2002		2A1
Density (lbs/ft ³)	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)	35%
Resilience	ASTM D 2362	
Service Temperature: -Low -High Continuous -High Intermittent	ASTM D 746 ASTM D 746 ASTM D 746	-40°F 200°F 250°F
Water Absorption -Maximum Weight Change %	ASTM D 1056	< 10%
Fuel Immersion: (%) ASTM Ref, Fuel B, Weight Change	ASTM D 1056	(7 days at 73.4°F) NA
Accelerated Aging -Flexibility -Appearance Change -Change in Compression Deflection	ASTM D 1056 ASTM D 1056 ASTM D 1056	(7 days at 158°F) Pass None ± 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.