



HANNA RUBBER COMPANY

Specification Sheet

Sponge Rubber Closed Cell 5011

Physical Property	Test Method	Result
Type		5011
Polymer		Neoprene, EPDM, SBR Blend
Color		Black
ASTM D-1056		2A1
ASTM D-6576-07 Classification		Type II, Grades A, B & C, Condition Soft
SAEJ18 APR2002		2A1
Density (lbs/ft ³)	ASTM D 1056	9± 2
Hardness, Durometer Shore 00	ASTM D 2240	45± 5
Compression Deflection (25%)	ASTM D 1056	3.5± 1.5
Compression Set (%)	ASTM D 1056	≤ 30%
Tensile Strength	ASTM D 412 (DIE A)	100 psi
Tear Strength (lb/in)	ASTM D 624 (DIE C)	12
Elongation (%)	ASTM D 412 (DIE A)	150
Resilience (%)	ASTM D 2362	30
Service Temperature		
Low	ASTM D 746	-40°F
High Continuous	ASTM D 746	200°F
High Intermittent	ASTM D 746	250°F
Water Absorption (%)	ASTM D 1056	< 5%
Fluid Immersion (7 Days at 73.4°F)		
ASTM Ref, Fuel B, Weight Change %	ASTM D 1056	Not Applicable
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.