



HANNA RUBBER COMPANY

Specification Sheet



Sponge Rubber Closed Cell 4052

Meets the following specifications:

- ASTM D1056 2A2, 2B2, 2C2, F1
- ASTM D6576 II A, B, Soft, Medium
- SAE J18 APR2002 2A2, 2B2, 2C2, F1

Physical Properties	Test Method	Results
Polymer		Epichlorohydrin (ECH)
Color		Black
Sheet Size		38" x 48"
ASTM D-1056		2A2, 2B2, 2C2, F1
ASTM D-6576-07 Classification		Type II, A/ B, Soft/Medium
SAE J18 APR2002		2A2, 2B2, 2C2, F1
Density (lbs/ft ³)	ASTM D 1056	15± 3
Hardness, Durometer Shore 00	ASTM D 2240	60± 5
Compression Deflection (25%)	ASTM D 1056	48± 14
Compression Set (%)	ASTM D 1056	≤ 25%
Tensile Strength	ASTM D 412 (DIE A)	90 psi
Tear Strength (lb/in)	ASTM D 624 (DIE C)	20
Elongation (%)	ASTM D 412 (DIE A)	175%
Resilience	ASTM D 2362	30
Service Temperature		
-Low	ASTM D 746	-40°F
-High Continuous	ASTM D 746	300°F
-High Intermittent	ASTM D 746	325°F
Water Absorption (Maximum Weight Change %)	ASTM D 1056	<5%
Fluid Immersion (ASTM Ref, Fuel B, Weight Change %)	ASTM D 1056	(7 days at 73.4°F) < 50%
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.