



**SUBMITTAL SHEET** (effective 08/14/06)

**Polymer Base: Neoprene, EPDM, SBR Blend**

**F-05031 (Black)**

Physical Properties	Unit	Test Method	Typical Results
Density	g/cm <sup>3</sup>	ASTM D 1056	0.096 ± 0.032
	lb/ft <sup>3</sup>	ASTM D 1056	6 ± 2
Hardness, Durometer Shore 00		ASTM D 2240	45 ± 5
Compression Deflection (25%)	kPa	ASTM D 1056	24 ± 10
	psi	ASTM D 1056	3.5 ± 1.5
Compression Set	%	ASTM D 1056	≤ 40%
Tensile Strength	kPa	ASTM D 412 (Die A)	520
	lb/in	ASTM D 412 (Die A)	75
Tear Strength	kN/m	ASTM D 624 (Die C)	1.7
	lb/in	ASTM D 624 (Die C)	9.6
Elongation	%	ASTM D 412 (Die A)	125%
Resilience	%	ASTM D 2632	35%
Service Temperature			
Low	°F	ASTM D 746	-40
High Continuous	°F	ASTM D 746	200
High Intermittent	°F	ASTM D 746	250
Water Absorption			
Maximum Weight Change	%	ASTM D 1056	< 5%
Fluid Immersion (7 days at 23 °C [73.4 °F])			
ASTM Ref. Fuel B, Weight Change (%)	%	ASTM D 1056	Not Applicable
Accelerated Aging (7 days at 70 °C [158 °F])			
Flexibility (180° bend without cracking)		ASTM D 1056	Pass
Appearance change		ASTM D 1056	None
Change in Compression Deflection	%	ASTM D 1056	± 30%
Combustion Characteristics		FMVSS-302	Pass
		UL 04HF-1	Pass
			UL Listed (black only)

ASTM D 1056 designation: 2A1  
 SAE J 18 APR2002 designation: 2A1  
 ASTM D 6576: II-A/B/C Soft  
 Listed to: UL508, UL50, JMLU2