

DATA SHEET (effective 12/14/09)

Polymer Base: Pure EPDM

F-08003 (Black)

Physical Properties	Unit	Test Method	Typical Results
Density	kg/m ³	ASTM D 1056	144 ± 32
	lb/ft ³	ASTM D 1056	9 ± 2
Hardness, Durometer Shore 00		ASTM D 2240	65 + 5
Compression Deflection (25%)	kPa	ASTM D 1056	76 + 14
	psi	ASTM D 1056	11 ± 2
Compression Set (Room temp)	%	ASTM D 1056	≤ 25%
Tensile Strength	kPa	ASTM D 412 (Die A)	520
	psi	ASTM D 412 (Die A)	75
Tear Strength	kN/m	ASTM D 624 (Die C)	2.1
	lb/in	ASTM D 624 (Die C)	12
Elongation	%	ASTM D 412 (Die A)	150%
Resilience	%	ASTM D 2632	50%
Service Temperature			
Low	° F (° C)	ASTM D 746	-70 ° F (-57° C)
High Continuous	° F (° C)	ASTM D 746	220 ° F (104° C)
High Intermittent	° F (° C)	ASTM D 746	250 ° F (121° C)
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 at 1/8" (3.1 mm) & higher

ASTM D 1056 designation: **2A3**
 SAE J 18 APR2002 designation: **2A3**
 ASTM D 6576: **II B / C Medium**

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