



Technical Datasheet

E603A

ASTM Class: EP
Specification: ASTM D2000 M4CA614 A25 B35 C32 EA14 F17 G21 Z Z = A25 CHANGE IN ELONGATION, -50% MAX
Description: A black 60 durometer EPDM compound with excellent weather resistance and cycle life. The compound is also RoHS compliant.

	Typical Properties	ASTM Specification
Original Properties		
Specific Gravity	1.11	1.11 ± .03
Hardness (Shore A)	64	60 ± 5
Tensile Strength (psi) (MPa)	2150 (14.8)	2031 (14)
Elongation (%)	645	250
A25 Heat Aged-70 hours @ 125°C		
Hardness Change (pts)	+4	+ 10
Tensile Strength Change (%)	+2	- 20
Elongation Change (%)	-28	- 50
B35 Compression Set-22 hours @ 125°C: (%)	31	70
C32 Ozone Resistance	Pass	Pass
EA14 Water Immersion 70 hours @ 100°C		
Volume Change, (%)	0	± 5
F17 Low Temperature 3 min @ -40°C	Pass	Pass
G21 Tear Strength, Die C (ppi)	228	148

I certify that this compound is designed to conform to the ASTM requirements above.

Heather Moore
 Director – Quality Assurance

The information contained herein is based upon laboratory tests believed to be reliable; however, it is offered solely for guidance to persons who will make their own tests to determine suitability for any purpose.

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