



Technical Datasheet

36B07

ASTM Class: CR
Specification: ASTM D2000 M3BC610 A14 C12 EO14 EO34 F17 Z Z = ELONGATION 300% MIN
DESCRIPTION: A black 60 durometer Neoprene with good cycle life which meets MIL-PRF-6855F class 2 grade 60 and is RoHS compliant

	Typical Properties	ASTM Specification
Original Properties:		
Specific Gravity	1.40	1.41 ± .03
Hardness, (Shore A)	63	60 ± 5
Tensile Strength, (psi)	1700 (11.7)	1450 (10)
Elongation, (%)	320	300
100% Modulus, psi	425	N/A
Tear Strength, Die C (ppi)	115	N/A
A14 HEAT Aged-70 hours @ 100°C		
Hardness Change, (pts)	+ 6	+15
Tensile Strength Change (%)	- 5	- 15
Elongation Change (%)	- 10	- 40
Compression Set-70 hours @ 100°C (%)	39	80
C12 Ozone Resistance 168 hours @ 100 PPHM @ 122°F		
	Pass	Pass
EO14 ASTM No. 1 Oil Immersion- 70 hours @ 100°C		
Hardness Change, pts	- 4	± 10
Tensile Change, %	- 4	- 30
Elongation Change, %	- 15	- 30
Volume Change, %	- 4	- 10 to + 15
EO34 ASTM No. 3 Oil Immersion- 70 hours @ 100°C		
Hardness Change, pts	- 25	N/A
Volume Change, %	- 40	- 60
Elongation Change, %	- 30	- 50
Volume Change, %	+65	+ 100

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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