



Technical Datasheet

S60201

ASTM Class: VMQ
Specification: ASTM D2000 M5GE606 A19 B37 EA14 EO16 EO36 G11
Description: A 60 durometer general purpose, extrusion gray silicone compound with very good heat resistance and compression set. This compound contains ingredients that conform to FDA requirements under Title 21 Part 177.2600 paragraphs c, d, e, and f, for repeat use with food and drugs and is RoHS compliant.

	Typical Properties	ASTM Specification
Original Properties – cure cold mold to 300°F, post cured 4 hours @ 400°F		
Specific Gravity	1.28	1.28 ± .03
Hardness (Shore A)	60	60 ± 5
Tensile Strength (psi)	1189	870
Elongation (%)	377	200
100% Modulus, psi	348	
A19 Heat Aged-70 hours @ 225°C		
Hardness Change (pts)	+1.5	+ 10
Tensile Strength Change (%)	-18.5	- 25
Elongation Change (%)	- 27.9	- 30
B37 Compression Set-22 hours @ 175°C: (%)		
	8.19	25
EA14 Water resistance, 70 hours @ 100°C		
Hardness Change, pts	+1.5	± 5
Volume Change, %	-0.08	± 5
EO16 ASTM No. 1 Oil Immersion – 70 hours @ 150°C		
Hardness Change, pts	-7	0 to -15
Tensile Change, %	-7.49	-20
Elongation Change, %	-4.24	-20
Volume Change, %	+4.79	0 to +10
EO36 ASTM No. 3 Oil Immersion – 70 hours @ 150°C		
Hardness Change, pts	-22	-30
Volume Change, %	+45.46	+60
G11 Tear Strength, die B (ppi)		
	94	51.5

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

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 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.

Published 1/2012