



Technical Datasheet

S60402

ASTM Class: VMQ
Specification: ASTM D2000 M5GE606 EO36 G11 Z. Z = HEAT AGED TENSILE CHANGE = -40%
Description: A 60 durometer red silicone rubber with excellent cycle life.

	Typical Properties	ASTM Specification
Original Properties – cured in cold mold 300°F; postcured 4 hours @ 400°F		
Specific Gravity	1.22	1.21 ± .03
Hardness (Shore A)	62	60 ± 5
Tensile Strength (psi) (MPa)	1100 (7.6)	870 (6)
Elongation (%)	525	200
100% Modulus, psi (MPa)	309 (2.1)	
Tear Strength, Die C (ppi)	165	
Heat Aged-70 hours @ 225°C		
Hardness Change (pts)	+2	± 15
Tensile Strength Change (%)	-31	-40
Elongation Change (%)	-46	-50
Compression Set-22 hours @ 175°C: (%)		
	46	50
EO36 ASTM NO 3 OIL IMMERSION-70 HOURS @ 150°C		
Hardness Change, pts	-25	-30
Volume Change, %	+51	+60
G11 Tear Strength, Die B (ppi)		
	155	51.5

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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