



60SH SILICONE RUBBER

MATERIAL SPECIFICATION SHEET

PROPERTY	TEST METHOD	UNITS	SPECIFICATION LIMITS	TYPICAL VALUE
Hardness	ASTM D2240 DIN ISO 7619-1	°Shore A	60° (+/-5)	62
Tensile Strength	ISO 37 type 1	MPa	7.0 min	7.9
	ASTM D412 Die C DIN 53504 type S1	psi	1015 min	1146
Elongation at Break	ISO 37 type 1 ASTM D412 Die C DIN 53504 type S1	%	280 min	340
Tear Strength	ASTM D624 Die B	N/mm lb/in	12.5 min 71.4 min	14.2 81.1
Compression Set	BS 903 pt A6 type B DIN/ISO 815 type B ASTM D395 method B type 2			
24hrs at 150°C		%	30 max	13
22hrs at 300°F		%	30 max	10
Thermal Conductivity	VDE 0304		0.24 W.m ⁻¹ .K ⁻¹	
Temperature Range	-60°C to +230°C (Continuous)		+250oC (Intermittent)	

Compliance

FDA 21 CFR 177.2600 (d) to (h)

EC 1935/2004

WRAS 1310541 (up to 85°C BS 6920)

FAR 25/JAR 25/CS 25 Appendix F, part 1, (a)(1)(iv) and (a)(1)(v)

Automotive Standard PART 571FMVSS302.



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