

RED SILICONE 70

SPECIFICATION - ASTM D2000 M7GE705 A19 B37 EA14 EO16 EO36 F19		Test	Spec	ATSM Method
Original Properties				
Hardness, Shore A, Type A	67	70 +/-5		D 2240
Tensile Strength, min, MPa	6	5		D 412
Elongation, min, %	252	150		D 412
Specific Gravity	1.44	Report		
Heat Ageing, 70 hours at 225°C				D 573
Hardness Change, max, points	+4	+10		
Tensile Change, max, %	-5	-25		
Elongation change, max, %	-30	-30		
Compression Set, Method B				D 395
22 hrs at 175 deg c, max, %	19	30		
Water Resistance, 70 hrs at 100°C				D 471
Hardness Change, points	-2	+/- 5		
Volume change, %	+1	+/- 5		
IRM 901 Oil Resistance, 70 hours at 150°C				D 471
Hardness Change, points	-5	0 to -15		
Tensile Change, max, %	-1	-20		
Elongation Change, max, %	-19	-20		
Volume Change, %	+4	0 to +15		
IRM 903 Oil Resistance, 70 hours at 150°C				D 471
Hardness Change, max, points	-18	-40		
Volume Change, max, %	+42	+60		
Low Temperature resistance				D 2137
Non brittle after 3 mins at -55°C	Pass	Pass		

The above data is obtained through our own laboratory testing on slabs and buttons and als D2137