

FLUOROSILICONE 60

SPECIFICATION – MIL-R-25988	Test	Spec
Physical Properties		
Press Cure at 165°C for 10 mins		
Hardness, shore A	63	60 +/-5
Tensile, strength, MPa	7.3	6.2
Elongation, %	319	175
Specific Gravity	1.388	
Heat Resistance at 200°C for 70 hrs		
Hardness change, points	+1	-5/+10
Tensile change, %	-25	-25
Elongation Change, %	-15	-25
Compression Set, heat ageing at 175°C for 22 hrs		
Compression set, %	6	40
Fluid Resistance, test method D471, No1 oil at 150°C for 70 hrs		
Hardness change, max points	-2	-
Tensile change, %	-6	-
Elongation Change, %	+4	-
Volume Change, %	+9	-
Fluid Resistance, test method D471, No3 oil at 150°C for 70 hrs		
Hardness change, max points	-2	-
Tensile change, %	-26	-
Elongation change, %	-6	-
Volume change, %	+10	-

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