

FLUOROSILICONE 50

SPECIFICATION – MIL-R-25988	Test	Spec
Physical Properties		
Press Cure at 165°C for 10 mins		
Hardness, shore A	52	50 +/-5
Tensile, strength, MPa	7.5	6.2
Elongation, %	421	200
Specific Gravity	1.316	
Heat Resistance at 200°C for 70 hrs		
Hardness change, points	+3	-5/+10
Tensile change, %	-21	-25
Elongation Change, %	-13	-25
Compression Set, heat ageing at 175°C for 22 hrs		
Compression set, %	11	35
Fluid Resistance, test method D471, No1 oil at 150°C for 70 hrs		
Hardness change, max points	-8	-
Tensile change, %	-2	-
Elongation Change, %	-2	-
Volume Change, %	+5	-
Fluid Resistance, test method D471, No3 oil at 150°C for 70 hrs		
Hardness change, max points	-8	-
Tensile change, %	-11	-
Elongation change, %	-10	-
Volume change, %	+5	-

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