

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

THESE RESULTS ARE FOR REFERENCE PURPOSES ONLY AND M SEALS MAKES NO WARRANTY, EXPRESSED OR IMPLIED, THAT PARTS MANUFACTURED IN THIS COMPOUND WILL PERFORM SATISFACTORILY IN THE CUSTOMER'S APPLICATION.
 IT IS THE CUSTOMER'S RESPONSIBILITY TO TEST PARTS PRIOR TO THEIR USE .