

Data Sheet: F60-Mil spec

MATERIAL: FLUOROSILICONE 60° SHORE

COLOUR: BLUE

CAN MEET MIL-R 25988 CLASS 1 TYPE 2 GRADE 60 (SLAB & BUTTON)

Original Properties:	Required	Result	Test Method
Hardness Durometer A	60±5	61	
Tensile Strength, Min, psi		1099	
Elongation, Min, %		372	
Specific Gravity	1.41±0.02	1.41	
Heat Aging: 70H @ 200C			
Hardness Change,	-5 to +10	-4	
Tensile Strength Change, psi	-25max	-7.0	
Elongation Change, %	-25max	-11.6	
Weight Loss,%	2max	-0.1	
Compression Set:			
70H @ 24C Max	15	5.7	
70H @ 150C Max	30	9.2	
22H @ 175C Max	30	6.6	
AMS 3021 (#7700 blend) : 70 H @ 150C			
Hardness Change, Max, pts	+/-15	-5	
Tensile Strength, Max, %	-40	-22.9	
Elongation Change, Max, %	-25	-8.9	
Volume Change, %	+1 to +15	+11.4	

The above test results are based on test slabs / buttons. The results from the actual parts may be different.

Issue Date: 15.09.2005