

TEST REPORT - FLUOROSILICONE 50

COMP F5001U
MFR 8063

Complies to	ASTM D2000 M2FK506 A19 EF13 EO36		
Colour	BLUE		
Temp range	-60C TO +150C		
Properties	PRESS CURE 165C FOR 10 MINS	Requirement	Result
	Hardness Shore A	50 +/- 5	52
	Tensile Strength MPA	6.0	7.5
	Elongation %	200	421
	Specific Gravity		1.316
Heat Resistance	225C FOR 70 HRS		
	Hardness Change	+15	+3
	Tensile Strength Change	-45	-21
	Elongation Change	-45	-13
Compression Set	175C FOR 22 HRS		
		---	11
	Fluid Resistance Test D471 NO.1 Oil @ 150C FOR 70 HRS		
	Change in Hardness, Max Points	---	-8
	Tensile Strength Change %	---	-2
Fluid Resistance Test	D471 NO.3 Oil @ 150C FOR 70 HRS		
	Change in Hardness, Max Points	0~-10	-8
	Tensile Strength Change %	-35	-11
	Elongation Change %	-30	-10
	Change in Volume %	0~+10	+5
TT-S-735 TYPE III FUEL RESISTANCE @ 23C FOR 22 HRS			
Change in Hardness, Max Points	0~-15	-6	
Tensile Strength Change %	-60	-48	
Elongation Change %	-50	-44	
Change in Volume	0~+25	+24	

Please note that these results are for reference purposes only and Supaseal makes no warranty, expressed or implied, that parts manufactured from this compound will perform satisfactorily in the customer's application. It is the customers responsibility to test and evaluate parts prior to use.