

**TEST REPORT - FLUOROSILICONE 70**

COMP F7001U  
MFR 8063

Complies to	ASTM D2000 M2FK706 A19 EF13 EO36 F19		
Colour	BLUE		
Temp range	-60C TO +150C		
Properties	PRESS CURE 165C FOR 10 MINS Requirement		Result
	Hardness Shore A	70 +/- 5	73
	Tensile Strength MPA	6.0	7.1
	Elongation %	150	210
	Specific Gravity		1.457
Heat Resistance	225C FOR 70 HRS		
	Hardness Change	-5~+10	+4
	Tensile Strength Change	-45	-32
	Elongation Change	-45	-38
Compression Set	175C FOR 22 HRS		---
			19
Fluid Resistance Test	D471 Fuel C @ 23C FOR 70 HRS		
	Change in Hardness, Max Points	0~-15	+0
	Tensile Strength Change %	-60	-10
	Elongation Change %	-50	-2
	Change in Volume	0~+25	+22
Fluid Resistance Test	D471 NO.1 Oil @ 150C FOR 70 HRS		
	Change in Hardness, Max Points	---	+0
	Tensile Strength Change %	---	+7
	Elongation Change %	---	-2
	Change in Volume	---	+5
Fluid Resistance Test	D471 NO.3 Oil @ 150C FOR 70 HRS		
	Change in Hardness, Max Points	0~-10	-7
	Tensile Strength Change %	-35	-29
	Elongation Change %	-30	-28
	Change in Volume %	0~+10	+6
Low Temp Brittleness	-55C FOR 3 MINS		PASS

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.