



TEST REPORT - SILICONE 70

COMP S7001W
MFR 8063

Complies to	ASTM D2000 M5GE705 A19 B37 EO16 EO36		
Colour	WHITE		
Temp range	-60C TO +200C		
	PRESS CURE 170C FOR 10 MINS		
	POST CURE 200C FOR 4 HRS		
Properties	Requirement		Result
	Hardness Shore A	70 +/-5	71
	Tensile Strength MPA	5.0	5.2
	Elongation %	150	184
	Specific Gravity		1.305
Heat Resistance	225C FOR 70 HRS		
	Hardness Change	+10	+0
	Tensile Strength Change	-25	-2
	Elongation Change	-30	-3
Compression Set	175C FOR 22 HRS	25	17
Fluid Resistance Test	ASTM NO.1 Oil Immersion @ 150C FOR 70 HRS		
	Change in Hardness, Max Points	0~-15	-3.0
	Tensile Strength Change %	-20	-19.4
	Elongation Change %	-20	-17.0
	Change in Volume	0~+10	+4
Fluid Resistance Test	ASTM NO.3 Oil Immersion @ 150C FOR 70 HRS		
	Change in Hardness, Max Points	-30	-19
	Change in Volume %	+60	+22.0

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.

Tel: 01858 434141

Fax: 01858 434717

e-mail: sales@supaseal.co.uk