

WHITE SILICONE 70

SPECIFICATION – ASTM D2000 M7GE705 A19 B37 EO16 EO36		Test	Spec
Physical Properties			
Press Cure at 170°C for 10 mins			
Post Cure at 200°C for 4 hrs			
Hardness, shore A		71	70 +/-5
Tensile, strength, MPa		5.2	5
Elongation, %		184	150
Specific Gravity		1.305	
Heat Resistance at 225°C for 70 hrs			
Hardness Change, points		0	+/-10
Tensile Strength Change, %		-2	-25
Elongation change, %		-3	-30
Compression Set			
Press Cure at 170°C for 20 mins			
Post Cure at 200°C for 4 hrs			
Heat Ageing at 175°C for 22 hrs		17	30
ASTM No.1 Oil Immersion at 150°C for 70 hrs			
Hardness Change, points		-3	0/-15
Tensile Change, %		-19.4	-20
Elongation Change, %		-17	-20
Volume Change, %		+4	0/+15
ASTM IRM 903 Oil Immersion at 150°C for 70 hrs			
Hardness Change, points		-19	-40
Volume Change, %		+22	+60
Low Temperature Brittleness, tests at -50°C for 3 mins		Non Brittle	

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 .