

## WHITE SILICONE 70

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

The above data is obtained through our own laboratory testing on slabs and buttons and als D2137