

## FKM 75 GFLT TYPE

SPECIFICATION – ASTM D2000 M2HK710 A1-10 B37 EF31 F17	Test	Spec
<b>Physical Properties</b>		
<b>Press Cure at 170°C for 10 mins</b>		
<b>Post Cure at 230°C for 24 hrs</b>		
Hardness, shore A	74	75 +/-5
Tensile, strength, MPa	15.8	10
Elongation, %	175	180
Specific Gravity	1.872	
<b>Heat Resistance at 250°C for 70 hrs</b>		
Hardness change, points	+1	+10
Tensile change, %	-1	-25
Elongation change, %	+50	-25
<b>Compression Set, heat ageing at 175°C for 22 hrs</b>		
<b>Press Cure at 170°C for 20 mins</b>		
<b>Post Cure at 230°C for 24 hrs</b>		
Compression set, %	10	50
<b>ASTM No1 oil immersion at 200°C for 70 hrs</b>		
Hardness Change, points	-4	+/-5
Tensile Strength change, %	-23	-25
Elongation Strength Change, %	-11	-25
Volume Change, %	+1	0/+10
<b>Low Temp Brittleness Test</b>		
3 minutes at -35°C	Non Brittle	

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