

## FKM 75 GF TYPE

SPECIFICATION – ASTM D2000 M2HK814 A1-10 B37 EF31 EO78 F16 Z1	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	76	75 +/-5
Tensile, strength, MPa	18.7	14
Elongation, %	283	150
Specific Gravity	1.867	
<b>Heat Ageing at 250°C for 70 hrs</b>		
Hardness change, points	+1	+10
Tensile change, %	+7	-25
Elongation change, %	-4	-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, %	9	50
<b>ASTM No1 oil immersion at 200°C for 70 hrs</b>		
Hardness Change, points	-7	-15/+5
Tensile Strength change, %	-25	-40
Elongation Strength Change, %	-12	-20
Volume Change, %	+10	0/+15
<b>Fuel C oil immersion at RT for 70 hrs</b>		
Hardness Change, points	-2	+/-5
Tensile Strength change, %	-11	-25
Elongation Strength Change, %	-10	-20
Volume Change, %	+3	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