

FKM 75 F TYPE

SPECIFICATION – ASTM D2000 M2HK814 A1-10 B37 EF31 EO78 F16 Z1		Test	Spec
Physical Properties			
Press Cure at 170°C for 10 mins			
Post Cure at 230°C for 24 hrs			
Hardness, shore A		76	75 +/-5
Tensile, strength, MPa		18.7	14
Elongation, %		283	150
Specific Gravity		1.867	
Heat Ageing at 250°C for 70 hrs			
Hardness change, points		+1	+10
Tensile change, %		+7	-25
Elongation change, %		-4	-25
Compression Set, heat ageing at 175°C for 22 hrs			
Press Cure at 170°C for 20 mins			
Post Cure at 230°C for 24 hrs			
Compression set, %		9	50
ASTM No1 oil immersion at 200°C for 70 hrs			
Hardness Change, points		-7	-15/+5
Tensile Strength change, %		-25	-40
Elongation Strength Change, %		-12	-20
Volume Change, %		+10	0/+15
Fuel C oil immersion at RT for 70 hrs			
Hardness Change, points		-2	+/-5
Tensile Strength change, %		-11	-25
Elongation Strength Change, %		-10	-20
Volume Change, %		+3	0/+10
Low Temp Brittleness Test			
3 minutes at -35°C		Non Brittle	

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