

FKM 80

SPECIFICATION – ASTM D2000 M2HK810 A10 B37 EF31		Test	Spec
Physical Properties			
Press Cure at 170°C for 10 mins			
Post Cure at 230°C for 24 hrs			
Hardness, shore A		84	80 +/-5
Tensile Strength, min, MPa		11.3	10
Elongation, min, %		160	150
Elongation, min, %		1.867	
Heat Ageing at 250°C for 70 hrs			
Hardness Change, points		+5	+10
Tensile Change, %		+6	-30
Elongation change, %		-21	-25
Compression Set, heat ageing at 175°C for 22 hrs			
Press Cure at 170°C for 10 mins			
Post Cure at 230°C for 24 hrs			
Compression set, %		7	50
Fuel C oil immersion at RT for 70 hrs			
Hardness Change, points		-1	+/-5
Tensile Strength Change, %		+6	-25
Elongation Change, %		-5	-20
Volume Change, %		+3	0/+10

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