

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