

FKM 70 BLACK FDA

SPECIFICATION – ASTM D2000 M2HK710 A1-10 B37 EF31 Z1(Z1=FDA)	Test	Spec
Physical Properties		
Press Cure at 170°C for 10 mins		
Post Cure at 230°C for 24 hrs		
Hardness, shore A	68	70 +/-5
Tensile, strength, MPa	10.7	10
Elongation, %	261	175
Specific Gravity	1.793	
Heat Ageing at 250°C for 70 hrs		
Hardness change, points	+3	+10
Tensile change, %	-1	-25
Elongation change, %	-6	-25
Compression Set		
Press Cure at 170°C for 20 mins		
Post Cure at 230°C for 24 hrs		
Heat Ageing at 175°C for 22 hrs		
Compression set, %	11	50
Fuel C oil immersion at RT for 70 hrs		
Hardness Change, points	-4	+/-5
Tensile Strength change, %	-24	-25
Elongation Strength Change, %	-6	-20
Volume Change, %	+3	0/+10

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