

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