

FKM 75 B TYPE

SPECIFICATION – ASTM D2000 M2HK710 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		11.2	10
Elongation, %		403	175
Specific Gravity		1.855	
Heat Resistance at 250°C for 70 hrs			
Hardness change, points		+3	+10
Tensile strength change, %		-5	-25
Elongation change, %		-24	-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, %		19	50
ASTM No1 oil immersion at 200°C for 70 hrs			
Hardness Change, points		-3	+/-5
Tensile Strength change, %		-12	-25
Elongation Strength Change, %		-18	-20
Volume Change, %		+5	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