

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