

BROWN FKM 60

SPECIFICATION – ASTM D2000-12 M2HK610 A1-10 B38 EF31 EO78	Result	Spec.
Physical Properties		
Press Cure at 170°C for 10 mins		
Post Cure at 230°C for 24 hrs		
Hardness, shore A (Type A)	59	60 +/-5
Tensile, strength, min, MPa	10.1	10
Elongation, min, %	505	175
Specific Gravity	1.99	
Heat Resistance at 250°C for 70 hrs		
Hardness change, points, max	+1	+10
Tensile change, max, %	-5	-25
Elongation change, max, %	-17	-25
Compression Set, at 200°C for 22 hrs		
Compression set, %	13	50
Fuel C Resistance, 70 hrs at 23°C		
Hardness Change, points	-3	+/-5
Tensile Change, max, %	-18	-25
Elongation Change, max, %	-6	-20
Volume Change, %	+4	0 to+10
Fluid No.101 Resistance, 70 hrs at 200°C		
Hardness Change, points	-6	-15 to +5
Tensile Change, max, %	-19	-40
Elongation Change, max, %	-6	-20
Volume Change, %	+12	0 to +15

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