

BROWN FKM 75

SPECIFICATION – ASTM D2000 M2HK710 A1-10 B38 EF31 EO78 Z		Test	Spec
Physical Properties			
Press Cure at 170°C for 10 mins			
Post Cure at 230°C for 24 hrs			
Hardness, shore A		78	75 +/-5
Tensile, strength, min, MPa		12.6	10
Elongation, min, %		171	175
Specific Gravity		2.11	
Heat Ageing at 250°C for 70 hrs			
Hardness change, points, max		+1	+10
Tensile change, max, %		-7	-25
Elongation change, max, %		-18	-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, %		11	50
Fuel C Resistance, 70 hrs at 23°C			
Hardness Change, points		-2	+/-5
Tensile Change, max, %		-17	-25
Elongation Change, max, %		-15	-20
Volume Change, %		+4	0 to+10
Fluid No.101 Resistance, 70 hrs at 200°C			
Hardness Change, points		-5	-15 to +5
Tensile Change, max, %		-14	-40
Elongation Change, max, %		-11	-20
Volume Change, %		+10	0 to +15

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