

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