

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

THESE RESULTS ARE FOR REFERENCE PURPOSES ONLY AND M SEALS MAKES NO WARRANTY, EXPRESSED OR IMPLIED, THAT PARTS MANUFACTURED IN THIS COMPOUND WILL PERFORM SATISFACTORILY IN THE CUSTOMER'S APPLICATION.
 IT IS THE CUSTOMER'S RESPONSIBILITY TO TEST PARTS PRIOR TO THEIR USE.