

BROWN FKM 90A

SPECIFICATION – ASTM D2000 M3HK910 A1-10 B38 EF31 EO78		Result	Spec.
Physical Properties			
Hardness, shore A (Type M)		88	90 +/-5
Tensile, strength, min, MPa		14.8	10
Elongation, min, %		104	100
Specific Gravity		2.29	
Heat Resistance at 250°C for 70 hrs			
Hardness change, points, max		+2	+10
Tensile change, max, %		+1	-25
Elongation change, max, %		-4	-25
Compression Set, at 200°C for 22 hrs			
Compression set, %		12	50
Fuel C Resistance, 70 hrs at 23°C			
Hardness Change, points		-3	+/-5
Tensile Change, max, %		-19	-25
Elongation Change, max, %		-11	-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, %		-27	-40
Elongation Change, max, %		-8	-20
Volume Change, %		+9	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.