

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