

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