

FKM 90

SPECIFICATION - ASTM D2000 M3HK910 A1-10 B38 EF31 EO78	Test	Spec	ATSM Method
Original Properties			
Hardness, shore A	87	90+/-5	D 2240
Tensile Strength, min, MPa	14.1	10	D 412
Elongation, min, %	139	100	D 412
Specific Gravity	1.84		D 297
Heat Resistance at 250°C for 70 hrs			D 573
Hardness Change, max, points	+3	+10	
Tensile Change, max, %	-5	-25	
Elongation change, max, %	-14	-25	
Compression Set, Method B			D 395
22 hrs at 200°C, max, %	20	50	
Fuel C Resistance, 70 hrs at 23°C			D 471
Hardness Change, points	-4	+/-5	
Tensile Change,max, %	-20	-25	
Elongation Change, max, %	-12	-20	
Volume Change, %	+4	0 to +10	
Service Liquid No.101 Resistance, 70 hrs at 200°C			D 471
Durometer Change, points	-7	-15 to +5	
Tensile Change, Max, %	-17	-40	
Elongation Change, max, %	-14	-20	
Volume Change, max, %	+14	0 to +15	

The above data is obtained through our own laboratory testing on slabs and buttons and als D2137