

FKM 75

TEMPERATURE RANGE: -26°C TO 205°C

SPECIFICATION - ASTM D2000 M6HK810 A1-10 B38 EF31 EO88 F15 Z1	Test	Spec	ATSM Method
Original Properties			
Hardness, shore A	77	75 +/-5	D 2240
Tensile Strength, min, MPa	12.5	10	D 412
Elongation, min, %	195	150	D 412
Heat Resistance at 250°C for 70 hrs			D 573
Hardness Change, max, points	+1	+10	
Tensile Change, max, %	-3	-25	
Elongation change, max, %	-11	-25	
Compression Set, Method B			D 395
22 hrs at 200°C, max, %	14	15	
Fuel C Resistance, 70 hrs at 23°C			D 471
Hardness Change, points	-4	+/-5	
Tensile Change,max, %	-22	-25	
Elongation Change, max, %	-15	-20	
Volume Change, %	+3	0 to +10	
Blend 7700 Resistance, 70 hrs at 200°C			D 471
Hardness Change, points	-8	-15 to +5	
Tensile Change,max, %	-26	-40	
Elongation Change, max, %	-18	-20	
Volume Change, max, %	+18	+25	
Low Temperature Resistance			D 2137
Non brittle after 3 mins at -25°C	Pass	Pass	

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