

## FKM 75

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