

## FKM 80

SPECIFICATION – ASTM D2000 M2HK810 A10 B37 EF31		Test	Spec
<b>Physical Properties</b>			
<b>Press Cure at 170°C for 10 mins</b>			
<b>Post Cure at 230°C for 24 hrs</b>			
Hardness, shore A	84	80	+/-5
Tensile Strength, min, MPa	11.3	10	
Elongation, min, %	160	150	
Elongation, min, %	1.867		
<b>Heat Ageing at 250°C for 70 hrs</b>			
Hardness Change, points	+5	+10	
Tensile Change, %	+6	-30	
Elongation change, %	-21	-25	
<b>Compression Set, heat ageing at 175°C for 22 hrs</b>			
<b>Press Cure at 170°C for 10 mins</b>			
<b>Post Cure at 230°C for 24 hrs</b>			
Compression set, %	7	50	
<b>Fuel C oil immersion at RT for 70 hrs</b>			
Hardness Change, points	-1	+/-5	
Tensile Strength Change, %	+6	-25	
Elongation Change, %	-5	-20	
Volume Change, %	+3	0/+10	

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

THESE RESULTS ARE FOR REFERENCE PURPOSES ONLY AND M SEALS MAKES NO WARRANTY, EXPRESSED OR IMPLIED, THAT PARTS MANUFACTURED IN THIS COMPOUND WILL PERFORM SATISFACTORILY IN THE CUSTOMER'S APPLICATION.  
 IT IS THE CUSTOMER'S RESPONSIBILITY TO TEST PARTS PRIOR TO THEIR USE .