

FKM 70 BLACK FDA

SPECIFICATION – ASTM D2000 M2HK710 A1-10 B37 EF31 Z1(Z1=FDA)		Test	Spec
Physical Properties			
Press Cure at 170°C for 10 mins			
Post Cure at 230°C for 24 hrs			
Hardness, shore A	68	70	+/-5
Tensile, strength, MPa	10.7	10	
Elongation, %	261	175	
Specific Gravity	1.793		
Heat Ageing at 250°C for 70 hrs			
Hardness change, points	+3	+10	
Tensile change, %	-1	-25	
Elongation change, %	-6	-25	
Compression Set			
Press Cure at 170°C for 20 mins			
Post Cure at 230°C for 24 hrs			
Heat Ageing at 175°C for 22 hrs			
Compression set, %	11	50	
Fuel C oil immersion at RT for 70 hrs			
Hardness Change, points	-4	+/-5	
Tensile Strength change, %	-24	-25	
Elongation Strength Change, %	-6	-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 .