

WSI Compound : V75

## TEST REPORT

Typical properties of cured compound

Material : FKM 75  
Color : Black

Date issued : June 2016

Spec: ASTM D2000 M2HK710 A1-10 B38 EF31 EO78 Z1

Physical properties	Result	Spec.	ASTM Method
<b>Z1</b>			
Hardness, Shore A (Type M)	75	75 ± 5	D 2240-10
Tensile Strength, min, MPa	14.4	10	D 412-13
Elongation, min, %	181	150	D 412-13
<b>A1-10</b>			
Heat Resistance, 70 hrs at 250°C			D 573-10
Hardness Change, max, points	+4	+10	
Tensile Change, max, %	-9	-25	
Elongation Change, max, %	-11	-25	
<b>B38</b>			
Compression Set, Method B			D 395-08
22 hrs at 200°C, max, %	12	50	
<b>EF31</b>			
Fuel C Resistance, 70 hrs at 23°C			D 471-12a
Hardness Change, points	-3	±5	
Tensile Change, max, %	-16	-25	
Elongation Change, max, %	-16	-20	
Volume Change, %	+6	0 to +10	
<b>EO78</b>			
Fluid No.101 Resistance, 70hrs at 200°C			D 471-12a
Hardness Change, points	-1	-15 to +5	
Tensile Change, max, %	-2	-40	
Elongation Change, max, %	+9	-20	
Volume Change, %	+14	+25	

The above data is obtained through laboratory testing on slabs and buttons, and is for reference only.

Approved by

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Reported by

Ms Hong  
R&D Quality staff