

**WSI Compound : V75-BRW**
**TEST REPORT**

Typical properties of cured compound

 Material : FKM 75  
 Color : Brown

Date issued : June 2016

 Spec: **ASTM D2000 M2HK810 A1-10 B38 EF31 EO78 Z1**

Physical properties		Result	Spec.	ASTM Method
Z1	Hardness, Shore A (Type M)	75	75 ± 5	D 2240-10
	Tensile Strength, min, MPa	11.8	10	D 412-13
	Elongation, min, %	217	150	D 412-13
A1-10	Heat Resistance, 70 hrs at 250°C			D 573-10
	Hardness Change, points, max	+1	+10	
	Tensile Change, max, %	-7	-25	
	Elongation Change, max, %	-18	-25	
Basic	IRM 903 Oil Resistance, 70hrs at 150°C			D 471-12a
	Volume Change, %	+4	+10	
B38	Compression Set, Method B			D 395-08
	22 hrs at 200°C, max, %	11	50	
EF31	Fuel C Resistance, 70 hrs at 23°C			D 471-12a
	Hardness Change, points	-2	±5	
	Tensile Change, max, %	-17	-25	
	Elongation Change, max, %	-15	-20	
	Volume Change, %	+4	0 to +10	
EO78	Fluid No.101 Resistance, 70hrs at 200°C			D 471-12a
	Hardness Change, points	-5	-15 to +5	
	Tensile Change, max, %	-14	-40	
	Elongation Change, max, %	-11	-20	
	Volume Change, %	+10	0 to +15	

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

Approved by

 Du Gow Shyan  
 R&D Manager

Reported by

 Ms Hong  
 R&D Quality staff