

WSI Compound : EP70-PC
TEST REPORT

Typical properties of cured compound

 Material : EPDM 70
 Color : Black

Date issued : June 2016

 Spec: **ASTM D2000 M2DA710 A26 B36 EA14 F17 G11**

	Physical properties	Result	Spec.	ASTM Method
	Hardness, Shore A (Type M)	70	70 ± 5	D 2240-10
	Tensile Strength, min, MPa	14.0	10	D 412-13
	Elongation, min, %	229	200	D 412-13
	Cure System	Peroxide		
A26	Heat Resistance, 70 hrs at 150°C			D 573-10
	Hardness Change, max, points	+4	+10	
	Tensile Change, max, %	-9	-20	
	Elongation Change, max, %	-12	-20	
B36	Compression Set, Method B 22 hrs at 150°C, max, %	16	25	D 395-08
EA14	IRM 901 Oil Resistance, 70hrs at 100°C			D 471-12a
	Hardness Change, points	-2		
	Volume Change, %	+3	±5	
F17	Low-temperature Resistance Nonbrittle after 3 min at -40°C	Pass	Pass	D 2137-11
G11	Tear resistance, Die B min, kN/m	40	17	D 624-12

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
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