

WSI Compound : EP70-SC

TEST REPORT

Typical properties of cured compound

Material : EPDM 70
Color : Black

Date issued : June 2016

Spec: ASTM D2000 M4CA710 A25 B35 EA14 F17 G21

Physical properties	Result	Spec.	ASTM Method
Hardness, Shore A (Type M)	70	70±5	D 2240-10
Tensile Strength, min, MPa	10.6	10	D 412-13
Elongation, min, %	338	200	D 412-13
Cure System	Sulfur		
A25 Heat Aging, 70hrs at 125°C			D 573-10
Hardness Change, max, points	+3	+10	
Tensile Change, max, %	-7	-20	
Elongation change, max, %	-23	-40	
B35 Compression Set-ASTM Method B 22hrs at 125°C, max, %	48	70	D 395-08
EA14 Water Resistance, 70hrs at 100°C Volume Change, %	+2	±5	D 471-12a
F17 Low-temperature resistance Nonbrittle after 3 min at -40°C	pass	pass	D 471-12a
G21 Tear resistance, Die C min, kN/m	45	26	D 624-12

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

Approved by

Du Gow Shyan
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Reported by

Ms Hong
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