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Product Specifications

Product: TRMSS
Description: Tire Rubber Modified Surface Sealer
Meets Specifications: GuardTop TRMSS

Test Parameter	Unit of Measure	Test Method	Specification		Test Temp	Typical Results
			Min	Max		
Original Properties						
Tire Rubber Content	%		10			10
Uniformity		ASTM D2939	Pass			Pass
Viscosity	KU	ASTM D562	45	75		67
Viscosity, converted	cPs		report			
Specific Gravity		ASTM D2939	report		60°F	1.041
Residue Testing						
Solids by Evaporation	%	ASTM D 2939	33			35
Ash Content	%	ASTM D 2939	report			14
COC Flash Point	°F	ASTM D93	450			500+
Softening Point	°F	ASTM D 36	140			151
Penetration	dmm	ASTM D 5	15	30		17
Performance Based Testing						
Softening Point, dehydrate	°F	ASTM D 36	250			250+
Resistance to Heat		ASTM D 2939	Pass*		212°F	Pass
Resistance to Water		ASTM D 2939	Pass*			Pass
Direct Flame Test		ASTM D 2939	Pass*			Pass
Wet Film Continuity		ASTM D 2939	Pass*			Pass
Resistance to Kerosene		ASTM D 2939	Pass*			Pass
Wet Track Abrasion Test	%	ISSA (TB-100)		1.0		0.2
Accelerated Weathering Test		ASTM G 154	Pass			Pass

Updated: 12082015

Accelerated Weathering Test: 1000 hours, UVA-340 lamp, 0.77 W/m² (v1.0 calibration, 8 hours UV @ 50°C, 5 min spray, 3:55 hours condensation @50°C

* When testing the TRMSS a ceramic tile panel will be incorporated in place of the metal panels. The ceramic tile panel preparation will be in accordance with Test Methods D 2939-25.1.1 guidelines:

Un glazed ceramic tiles, white, non vitreous, dust-pressed body with an adsorption range of 10 to 18% (determined in accordance with Test Methods C 67) approximately 150mm by 150mm by 9.5 to 13mm (3/8 to 1/2 inch) in thickness to accommodate the mask.