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Salesforce



19463

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VINYL COMPOUNDS

19463 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent weatherable properties for a variety of exterior building wire, tray cable, and insulation applications that require UL 720, and CSA certifications. This compound is suitable for use in a variety of wire sizes and colors, commonly used in THWN-2, TWN75, T90 Nylon, TEWN, AWM, 105C, 600V, FT1, FT2, TR-32, and TR-64 applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	46	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	3500	ASTM D-638
Tensile Strength, MPa	24	ASTM D-638
Elongation, %	330	ASTM D-638
100% Modulus, psi	2350	ASTM D-638
100% Modulus, MPa	16	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-21	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	30.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
TCF Column Per UL 83	1.14	
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	87	UL 1581

Revised Date:10/29/2019

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