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Salesforce



19920

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VINYL COMPOUNDS

19920 Flexible

PRODUCT DESCRIPTION		
This flexible, non-lead stabilized compound is formulated for a variety of building wire and insulation applications that require CSA, FT1, TWN75, TEW, UL758, AWM IA, and Oil Resistance I certifications. This compound can service temperatures up to 105°C with a minimum wall thickness of 1/64 inch and is commonly used in THHN-THWN circuit size, AWG construction.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.33	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	92	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2850	ASTM D-638
Tensile Strength, MPa	20	ASTM D-638
Elongation, %	330	ASTM D-638
100% Modulus, psi	2000	ASTM D-638
100% Modulus, MPa	14	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-25	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	29	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
TCF Column Per UL 83	1.16	
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	87.3	UL 1581

Revised Date:10/29/2019

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