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Salesforce



19483

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VINYL COMPOUNDS

19483 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated to provide excellent low-temperature properties for a variety of building wire and insulation applications that require UL certification. This compound can service temperatures up to 105°C with a minimum wall thickness of 1/64 inch and is commonly used in TW, THW, THHW, THHN-THWN insulation applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	94	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2950	ASTM D-638
Tensile Strength, MPa	20	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	2250	ASTM D-638
100% Modulus, MPa	16	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-28	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	30	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	90	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	375	

Revised Date:10/29/2019

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