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Salesforce



17901

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VINYL COMPOUNDS

17901 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent weatherable properties for a variety of exterior building wire, appliance wire, and insulation applications that require UL 720, CSA, NMD90, and TW certifications. Depending on wall thickness, this compound can service temperatures ranging from 90-105°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.33	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	89	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2780	ASTM D-638
Tensile Strength, MPa	19	ASTM D-638
Elongation, %	360	ASTM D-638
100% Modulus, psi	1825	ASTM D-638
100% Modulus, MPa	13	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-34	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	26.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	72.6	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	365	

Revised Date:10/29/2019

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