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Salesforce



19902

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VINYL COMPOUNDS

19902 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 62/720 certifications. This compound can service temperatures up to 105°C with a minimum wall thickness of 1/32 inch and is commonly used in SPT-1W parallel cord insulating applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	90	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2800	ASTM D-638
Tensile Strength, MPa	19	ASTM D-638
Elongation, %	355	ASTM D-638
100% Modulus, psi	1935	ASTM D-638
100% Modulus, MPa	13	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-27	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	27	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	76.5	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	365	

Revised Date:10/29/2019

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