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Salesforce



19921

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VINYL COMPOUNDS

19921 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent low-temperature properties for a variety of building wire and insulation applications. 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 applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.31	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	91	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	3000	ASTM D-638
Tensile Strength, MPa	21	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-32	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	28.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@136C 30mil plaques
Air Aging Elongation Retention, %	98.5	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	370	

Revised Date:10/29/2019

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