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Salesforce



19473

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VINYL COMPOUNDS

19473 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated to provide excellent insulation properties for a variety of building wire applications. This non-lead stabilized compound can service temperatures up to 105°C, with a minimum wall thickness of 10 mil, and meets the performance criteria of military spec MIL-W-16878D.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	47	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	3000	ASTM D-638
Tensile Strength, MPa	21	ASTM D-638
Elongation, %	300	ASTM D-638
100% Modulus, psi	2300	ASTM D-638
100% Modulus, MPa	16	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-29	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	25	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	92.1	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	375	

Revised Date:10/29/2019

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