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Salesforce



19740

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VINYL COMPOUNDS

19740 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated to provide excellent low-temperature properties for a variety of building wire, insulation, and custom injection molding applications that require Class 43 certification. This non-lead stabilized compound can service temperatures up to 105°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.28	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	74	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2150	ASTM D-638
Tensile Strength, MPa	15	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	1000	ASTM D-638
100% Modulus, MPa	7	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-40	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	24.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	88.5	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	350	

Revised Date:10/29/2019

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