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Salesforce



18731

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VINYL COMPOUNDS

18731
Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent low-temperature and sunlight resistant properties for a variety of tray cable, building wire, appliance wire, and jacketing applications that require UL 62 certification. This compound can service temperatures up to 105°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	73	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2400	ASTM D-638
Tensile Strength, MPa	17	ASTM D-638
Elongation, %	340	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	-35	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	25	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@136C 30mil plaques
Air Aging Elongation Retention, %	72.2	UL 1581
Oil Aging		7d@60C 30mil plaques
Oil Aging Elongation Retention, %	78.3	UL 1581

Revised Date:10/29/2019

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