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Salesforce



12806

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VINYL COMPOUNDS

12806 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent low-temperature, sunlight resistant, and weatherable properties for a variety of exterior building wire, appliance wire, and jacketing applications. This compound can service temperatures up to 75°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.41	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	80	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2250	ASTM D-638
Tensile Strength, MPa	16	ASTM D-638
Elongation, %	365	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
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		240h@100C 30mil plaques
Air Aging Elongation Retention, %	85.3	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	350	

Revised Date:10/29/2019

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