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Salesforce



12803

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VINYL COMPOUNDS

12803 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent low-temperature properties for a variety of building wire and jacketing applications. This compound can service temperatures up to 75°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	80	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2350	ASTM D-638
Tensile Strength, MPa	16	ASTM D-638
Elongation, %	340	ASTM D-638
100% Modulus, psi	1280	ASTM D-638
100% Modulus, MPa	9	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-47	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	22.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		10d@100C 30mil plaques
Air Aging Elongation Retention, %	88.6	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	350	

Revised Date:10/29/2019

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