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Salesforce



10790

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VINYL COMPOUNDS

10790 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated for a variety of building wire and integral, non-metallic conduit jacket applications. This product is UL 1660 certified for applications with a minimum wall thickness of 1 inch and can service temperatures up to 60°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.24	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	79	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2950	ASTM D-638
Tensile Strength, MPa	20	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	1450	ASTM D-638
100% Modulus, MPa	10	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-32	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	23	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@100C 30mil plaques
Air Aging Elongation Retention, %	81.2	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	365	

Revised Date:10/29/2019

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