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Salesforce



17800

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VINYL COMPOUNDS

17800 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent clarity for a variety of building wire and insulation applications. This compound can service temperatures up to 90°C with a minimum wall thickness of 1/32 inch.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.21	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	80	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2200	ASTM D-638
Tensile Strength, MPa	15	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	1050	ASTM D-638
100% Modulus, MPa	7	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-45	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	22.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@121C 30mil plaques
Air Aging Elongation Retention, %	76.3	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	355	

Revised Date:10/29/2019

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