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Salesforce



19880

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VINYL COMPOUNDS

19880 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated to provide excellent clarity for a variety of building wire and insulation applications. This VW-1 compound can service temperatures up to 105°C with a minimum wall thickness of 300 millimeter.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.25	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	88	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2800	ASTM D-638
Tensile Strength, MPa	19	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	1750	ASTM D-638
100% Modulus, MPa	12	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-25	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	26	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@136C 30mil plaques
Air Aging Elongation Retention, %	73.6	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	370	

Revised Date:10/29/2019

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