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Salesforce



VINYL COMPOUNDS

17870 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent weatherable properties for a variety of exterior building wire, tray cable, and insulation applications. This compound can service temperatures up to 105°C dry rated.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.41	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	87	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2600	ASTM D-638
Tensile Strength, MPa	18	ASTM D-638
Elongation, %	330	ASTM D-638
100% Modulus, psi	1500	ASTM D-638
100% Modulus, MPa	10	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-23	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	30	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	83.4	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	370	

Revised Date:05/16/2022

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