

5/25/23, 10:51 AM

Salesforce



16903

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VINYL COMPOUNDS

16903 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent weatherable properties for a variety of exterior riser, tray cable, building wire, and jacketing applications that require UL 720/62/1072/1277/1569 certifications. This compound can service temperatures up to 90°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.38	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	92	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2700	ASTM D-638
Tensile Strength, MPa	19	ASTM D-638
Elongation, %	300	ASTM D-638
100% Modulus, psi	1800	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, %	29	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@121C 30mil plaques
Air Aging Elongation Retention, %	72.2	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	370	

Revised Date:10/29/2019

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