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Salesforce



16902

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VINYL COMPOUNDS

16902 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent fiber-optic properties for a variety of riser, tray cable, building wire, and jacketing applications. This compound can service temperatures up to 90°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.40	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	90	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2500	ASTM D-638
Tensile Strength, MPa	17	ASTM D-638
Elongation, %	290	ASTM D-638
100% Modulus, psi	1765	ASTM D-638
100% Modulus, MPa	12	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-27	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	30	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@121C 30mil plaques
Air Aging Elongation Retention, %	76.8	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	370	

Revised Date:10/29/2019

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