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Salesforce



16883

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VINYL COMPOUNDS

16883 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent low- temperature properties for a variety of riser, tray cable, and jacketing applications that require UL 720 certification. This microbial and fungal resistant compound can service temperatures up to 90°C and is commonly used to address riser and fiber optic construction concerns.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.35	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	88	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2850	ASTM D-638
Tensile Strength, MPa	20	ASTM D-638
Elongation, %	310	ASTM D-638
100% Modulus, psi	1810	ASTM D-638
100% Modulus, MPa	12	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-39	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	30.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Fungal Resistance		
Air Aging		7d@121C 50mil plaques
Air Aging Elongation Retention, %	89.6	UL 1581

Revised Date:10/29/2019

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