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Salesforce



16782-TDS 5/18/2022

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VINYL COMPOUNDS

16782
Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent low-temperature properties for a variety of riser, building wire, and jacketing applications that require CSA certification. This compound can service temperatures up to 90°C and is commonly used in NMD90 jacketing applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.31	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	77	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2250	ASTM D-638
Tensile Strength, MPa	16	ASTM D-638
Elongation, %	350	ASTM D-638
100% Modulus, psi	900	ASTM D-638
100% Modulus, MPa	6	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-50	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	24	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@121C 30mil plaques
Air Aging Elongation Retention, %	86.3	ul 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	365	

Revised Date:5/18/2022

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