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Salesforce



59770A

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VINYL COMPOUNDS

59770A Flexible

PRODUCT DESCRIPTION		
This flexible, elastomeric compound is formulated to provide excellent low-temperature and weatherable properties for a variety of exterior building wire applications that require UL 62 certification. This compound can service temperatures up to 105°C and is commonly used in SJEOW insulation and jacketing applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.26	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	77	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2100	ASTM D-638
Tensile Strength, MPa	14	ASTM D-638
Elongation, %	275	ASTM D-638
100% Modulus, psi	1100	ASTM D-638
100% Modulus, MPa	8	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-45	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	24	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	86	UL 1581
Oil Aging		4h@70C 30mil plaques
Oil Aging Elongation Retention, %	84.4	UL 1581

Revised Date:10/29/2019

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