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Salesforce



13870

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VINYL COMPOUNDS

13870 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent sunlight resistant and weatherable properties for a variety of exterior building wire, appliance wire, and insulation applications that require UL, TW, and Class 43 certification. This compound can service temperatures up to 75°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	88	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2600	ASTM D-638
Tensile Strength, MPa	18	ASTM D-638
Elongation, %	320	ASTM D-638
100% Modulus, psi	1700	ASTM D-638
100% Modulus, MPa	12	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-28	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	25	
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	360	

Revised Date:10/29/2019

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