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Salesforce



12871

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VINYL COMPOUNDS

12871 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent flame resistance for a variety of tray cable, building wire, and CATV coaxial jacketing applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.46	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	87	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2500	ASTM D-638
Tensile Strength, MPa	17	ASTM D-638
Elongation, %	285	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	-24	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	28.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		10d@100C 30mil plaques
Air Aging Elongation Retention, %	78.4	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	350	

Revised Date:10/29/2019

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