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Salesforce



12820

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VINYL COMPOUNDS

12820 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated for a variety of tray cable, building wire, appliance wire, elevator, and jacketing applications. This compound can service temperatures up to 80°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.37	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	86	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2800	ASTM D-638
Tensile Strength, MPa	19	ASTM D-638
Elongation, %	310	ASTM D-638
100% Modulus, psi	1730	ASTM D-638
100% Modulus, MPa	12	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-35	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	23.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		7d@113C 30mil plaques
Air Aging Elongation Retention, %	85	UL 1581
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	365	

Revised Date:10/29/2019

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