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Salesforce



15642

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VINYL COMPOUNDS

15642 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated for a variety of tray cable, riser, building wire, and insulation applications. This semi-rigid compound can service temperatures up to 105°C and is commonly used in Style #1061 applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	60	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	3210	ASTM D-638
Tensile Strength, MPa	22	ASTM D-638
Elongation, %	300	ASTM D-638
100% Modulus, psi	2900	ASTM D-638
100% Modulus, MPa	20	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-8	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	28	
ELECTRICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Volume Resistivity, ohms.cm	1.00E+15	ASTM D-257
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@136C 30mil plaques
Air Aging Elongation Retention, %	88.3	UL 1581

Revised Date:10/29/2019

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