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Salesforce



16490

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VINYL COMPOUNDS

16490 Flexible

PRODUCT DESCRIPTION		
This flexible compound is formulated to provide excellent sunlight resistant and weatherable properties for a variety of exterior riser, building wire, and jacketing applications that require UL 720 certification. This compound can service temperatures up to 90°C and is commonly used in Low Voltage FT-4 over PVC/Nylon, Medium Voltage Tray Cable jacketing, and FT-r jacketing over non-flame retardant EPR applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.44	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	49	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2800	ASTM D-638
Tensile Strength, MPa	19	ASTM D-638
Elongation, %	280	ASTM D-638
100% Modulus, psi	1900	ASTM D-638
100% Modulus, MPa	13	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-30	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	36.5	
OTHER PROPERTIES	TYPICAL VALUE	TEST METHOD
Air Aging		168h@121C 75mil plaques
Air Aging Elongation Retention, %	78	UL 1581

Revised Date:10/29/2019

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