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Salesforce



17890

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VINYL COMPOUNDS

17890 Flexible

PRODUCT DESCRIPTION		
This flexible, non-lead stabilized compound is formulated for a variety of building wire and insulation applications that require THW and Class 43 certifications. This compound can service temperatures up to 90°C.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	89	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2650	ASTM D-638
Tensile Strength, MPa	18	ASTM D-638
Elongation, %	340	ASTM D-638
100% Modulus, psi	1600	ASTM D-638
100% Modulus, MPa	11	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, %	27.5	
ELECTRICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Volume Resistivity, ohms.cm	1.50E+15	ASTM D-257

Revised Date:10/29/2019

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