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Salesforce



19904

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VINYL COMPOUNDS

19904 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated for a variety of building wire, appliance wire, and insulation applications that require UL, TW, THW, and THHW certifications. This VW-1 rated compound can service temperatures up to 105°C with a minimum wall thickness of 1/64 inch.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.32	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	91	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2450	ASTM D-638
Tensile Strength, MPa	17	ASTM D-638
Elongation, %	330	ASTM D-638
100% Modulus, psi	1800	ASTM D-638
100% Modulus, MPa	12	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-23	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	25	
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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