

5/25/23, 11:23 AM

Salesforce



19481

Download as PDF



VINYL COMPOUNDS

19481 Flexible

PRODUCT DESCRIPTION		
This flexible, non-phthalate compound is formulated for a variety of building wire and insulation applications. This compound can service temperatures up to 105°C with a minimum wall thickness of 1/64 inch and is commonly used in THHN-THWN applications.		
GENERAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore A (+/- 3)	95	ASTM D-2240
Hardness Delayed, Shore D (+/- 3)	48	ASTM D-2240
MECHANICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	2950	ASTM D-638
Tensile Strength, MPa	20	ASTM D-638
Elongation, %	340	ASTM D-638
100% Modulus, psi	2250	ASTM D-638
100% Modulus, MPa	16	ASTM D-638
THERMAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Low-Temperature Brittle Point, °C	-18	ASTM D-746
FLAMMABILITY PROPERTIES	TYPICAL VALUE	TEST METHOD
Limited Oxygen Index, %	30	
ELECTRICAL PROPERTIES	TYPICAL VALUE	TEST METHOD
Volume Resistivity, ohms.cm	2.00E+15	ASTM D-257
ADDITIONAL INFORMATION	TYPICAL VALUE	TEST METHOD
Recommended Stock Temperature, °F	380	

Revised Date:10/29/2019

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents.