



TECHNICAL DATA SHEET

Flexible

19922

DESCRIPTION/ APPLICATION

19922 is a flexible extrusion PVC compound formulated for maximum service temperature of 105°C for phthalate free THHN-THWN insulating applications at a minimum wall thickness of 0.015" and thicker wall thicknesses in all sizes and colors. The compound also possesses excellent low temperature performance.

GENERAL PROPERTIES	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.33	ASTM D-792
Hardness Delayed 10 sec, Shore A (+/- 3)	92	ASTM D-2240

MECHANICAL PROPERTIES	VALUE	METHOD
Tensile Strength, psi	2850	ASTM D-638
Elongation, %	330	ASTM D-638
100% Modulus, psi	2000	ASTM D-638

OTHER PROPERTIES	VALUE	METHOD
Low Temperature Brittle Point, °C	-24	ASTM D-746
Oxygen Index, %	29.0	ASTM D-2863
Volume Resistivity, Ω-cm 23°C and 50% RH	1.0E15	ASTM D-257
Air Aging: 168 hrs @ 136°C; 30 mil slab		
Elongation Retention, %	87.3	UL 1581

RECOMMENDED STOCK TEMPERATURE	370°F
-------------------------------	-------

RECOGNITIONS AND APPROVALS

UL	TW, THW, THHW, THHN, THWN, VW-1, Oil Resistant I
CSA	FT1, TWN75, TEW, AWM IA
RoHS	Compliant

Revision Date: 10/19/2015

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.