

Technical Data Sheet

19482

Description/Application

105 C; VW-1 non-lead stabilized insulation compound. Ideally suited for 18 AWG, 1/64 wall. UL approved for TW, THW, THHW applications.

Properties	Typical Value	Method
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed, Shore D (+/- 3)	48	ASTM D-2240
Tensile Strength, psi	2,800	ASTM D-638
Elongation, %	310	ASTM D-638
100% Modulus, psi	2,000	ASTM D-638
Brittle Point, C	-22	ASTM D-746
Oxygen Index, %	28.5	ASTM D-2863
Volume Resistivity, Ohm-cm 23C and 50% RH	1.5 x E+15	ASTM D-257
Air Aging: 7 days @ 136 C; 30 mil slabs		
Elongation Retention, %	80.1	UL 1581
Oil Aging: 96 hours @ 100 C; 30 mil slabs		
Elongation Retention, %	85.9	UL 1581
Recognitions and Approval		
UL recognized component for TW, THW, THHW. VW-1 rated.		
Recommended Stock Temperature	375 F	

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