



TECHNICAL DATA SHEET

Flexible

19465

DESCRIPTION/ APPLICATION

19465 is a flexible extrusion PVC compound formulated for phthalate free THWN-2 applications in all sizes and all colors. The compound has a maximum service temperature of 105°C and possesses optional listing for Oil Resistance II and UL 720.

GENERAL PROPERTIES

VALUE	METHOD
Specific Gravity (+/- 0.02)	1.32
Hardness Delayed 10 sec, Shore D (+/- 3)	46
	ASTM D-792
	ASTM D-2240

MECHANICAL PROPERTIES

VALUE	METHOD
Tensile Strength, psi	3500
Elongation, %	330
100% Modulus, psi	2350
	ASTM D-638
	ASTM D-638
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OTHER PROPERTIES

VALUE	METHOD
Low Temperature Brittle Point, °C	-17
Oxygen Index, %	30.5
	ASTM D-746
	ASTM D-2863
Air Aging: 168 hrs @ 136°C; 30 mil slab	
Elongation Retention, %	94.2
	UL 1581
Oil Aging: 4 days @ 100°C; 30 mil slab	
Elongation Retention, %	82.0
	UL 1581

RECOMMENDED STOCK TEMPERATURE

375°F

RECOGNITIONS AND APPROVALS

UL	THHN, THWN, THWN-2, VW-1, 720 HR Sunlight, Oil Resistant II
RoHS	Compliant

Revision Date: 10/19/2015

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