



TECHNICAL DATA SHEET

Flexible

18840

DESCRIPTION/ APPLICATION

18840 is a flexible extrusion PVC compound formulated for maximum service temperature of 105°C at 0.030" wall thickness and larger for use in UL 62, SPTO, SJTO, and SVTO jacketing applications.

GENERAL PROPERTIES	VALUE	METHOD
Specific Gravity (+/- 0.02)	1.34	ASTM D-792
Hardness Delayed 10 sec, Shore A (+/- 3)	84	ASTM D-2240
MECHANICAL PROPERTIES	VALUE	METHOD
Tensile Strength, psi	2400	ASTM D-638
Elongation, %	340	ASTM D-638
100% Modulus, psi	1375	ASTM D-638
OTHER PROPERTIES	VALUE	METHOD
Low Temperature Brittle Point, °C	-25	ASTM D-746
Oxygen Index, %	25.5	ASTM D-2863
Air Aging: 7 days @ 136°C; 30 mil slab	82.2	UL 1581
Elongation Retention, %		
Oil Aging: 7 days @ 60°C; IRM 902; 30 mil slab	82.3	UL 1581
Elongation Retention, %		
RECOMMENDED STOCK TEMPERATURE		365°F

Revision Date: 10/20/2015

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