TECHNICAL DATA SHEET

SOLARITE KM-1830-FR
FLAME-RETARDANT
FREE-STRIPPING CABLE SEALANT

DESCRIPTION: SOLARITE KM-1830-FR has a synthetic elastomer base into which specially selected flame-proofing chemicals and fillers have been incorporated.

APPLICATION: Pumped with heavy-duty double-action hydraulic drum ram equipment. Cone-shaped, heat follower plate and heated delivery lines recommended. Processing temperatures--200°F to 260°F--with heated closing dies.

PHYSICAL PROPERTIES:

Penetration, Cone 300 Grams 1d. @ 
77°F ASTM, D-217-48, .10/mm.................20 +/- 5
Specific Gravity 25°C, ASTM D-71-27........1.5 +/- .05
Brittleness Point..........................................-30°C
Slump Resistance..............................................Excellent
Ignition - Conduction Test..............................Passes
Color.......................................................Off-White
Corrosion to Metals.........................................None
Heat Stability..............................................Stable @ 300°F for Extended Periods
Moisture Resistance.................................Non-Hydrosopic
Thermal Conductivity....................................0.28 BTV/HR (Sq. Ft.) (°F/Ft.)
Melt Index @ 121°C.................................2 - 5 Gms/Min
(Total Load 2160 Grams, Pre-Heat 10 Minutes, Purge to First Mark, Collect Sample 30 Seconds)
Toxicity Index--100 Gms, 5 Max,
NES 713 Per MIL-C-24643.........................2.1
Acid Gas Generation--Acid Equivalent
Relative to Hydrochloric Acid--2% Max...0.50%

APPROVED - MIL-C-915 (SHIPS)
PACKAGING: 55-gallon drums, 5-gallon pails.

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HEALTH CAUTION:
Please refer to Material Safety Data Sheet before using these products.

PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER FIRST AID INFORMATION.
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CALL CHEMTREC (DAY OR NIGHT) 800-424-9300.