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# TECHNICAL DATA SHEET

## SOLARITE KM-4400-LS FLAME-RETARDANT LOW-SMOKE FREE-STRIPPING CABLE SEALANT

**DESCRIPTION:** SOLARITE KM-4400-LS 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, heated follower plate, and heated delivery lines recommended. Processing temperatures, 275°F to 325°F, with heated closing dies.

### **PHYSICAL PROPERTIES:**

Penetration, Cone 300 Grams Ld. @  
77°F ASTM D-217-48, .10/mm.....10 +/- 5  
Specific Gravity 25°C,  
ASTM D-71-27.....1.4 +/- 0.05  
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.....None--Hydroscopic  
Thermal Conductivity.....0.28 BTV/HR (Sq. Ft.) (°F/Ft.)  
Melt Index @ 121°C.....0.60 Gms/Min  
(Total Load 2160 Grams, Preheat 10 Mins.,  
Purge to First Mark, Collect Sample 30 Sec.)  
Toxicity Index--100 Gms., 5 Max  
NES 713 per MIL-C-24643.....2.1  
Acid Gas Generation--Acid Equiv.  
Relative to Hydrochloric Acid--  
2% Max.....0.50%  
NES 711 Smoke Index--Max 45.....Passes  
Typical.....25 to 30

APPROVED - MIL-C-24643 A (Ships)  
MIL-C-24640 A

**PACKAGING:** Supplied in 55-gallon drums, 5-gallon pails, strips.

**IMPORTANT:**

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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.**

FOR CHEMICAL EMERGENCY  
CALL CHEMTREC (DAY OR NIGHT) 800-424-9300.