



Solar Compounds Corporation
1201 West Blancke Street
Linden, NJ 07036 USA
Ph: 908-862-2813 Fax: 908-862-8061
Intl: Ph: (0101) 908-862-2813 Fax: (0101) 908-862-8061
www.solarcompounds.com

TECHNICAL DATA SHEET

CABLE FLOODING & FILLING COMPOUNDS

DESCRIPTION: The products listed below were developed to seal the interstices in fiber optic and metal conductor cables. They are blends of elastomers and polyolefins, the compounds of which have been stabilized. All are compounded with virgin materials. All compounds can be made flame retardant upon request.

SOLARITE KM-2756:

Softening Point.....219°F +/- 5°F
Penetration Cone, 150 gm. wt.
@ 77° (.1mm) ASTM 217-48.....164 +/- 7
Viscosity--Brookfield Thermocel
@ 350°F.....150 cps
@ 220°F.....6375 cps
Specific Gravity......89
Can be Pumped at Room Temperature

SOLARITE KM-2768:

Softening Point ASTM-D-36-26.....221°F +/- 5°F
Penetration @ 77°F, 100 gms.,
5 sec. (.1mm) ASTM-D-5-29.....52 +/- 5
Viscosity--Brookfield Thermocel
@ 350°F.....11,250 cps +/- 500 cps
@ 220°F.....11,625 cps +/- 1000 cps

SOLARITE KM-2769:

Softening Point ASTM-D-36-26.....285°F +/- 5°F
Penetration @ 77°F, 100 gms.,
5 sec. (.1mm) ASTM-D-5-29.....40 +/- 5
Viscosity--Brookfield Thermocel
@ 350°F.....8,200 cps +/- 500 cps

@ 300°F.....17,500 cps +/- 1000 cps

SOLARITE 3408 AND 3408-RV are designed as clean-stripping sealants. Cohesive is greater than adhesive strength.

	<u>3408</u>	<u>3408-RV</u>
Viscosity--Brookfield Thermocel @ 350°F +/- 500 cps.....	2300 cps	1500 cps
Softening Point--Ring & Ball-- ASTM D-36 +/- 5°F.....	160°F	240°F
Penetration @ 77°F, 100 gms., 5 sec. (.1mm) ASTM-5-49 +/- 5.....	130	140
Pounds Per Gallon.....	7.3	7.3
Dielectric Constant.....	2.3	2.3
Pumpable Temperature.....	170°F	275°F

SOLARITE 3107, 3114-FR, 3268 are tough, flexible, adhesive sealants recommended particularly in cables requiring high-pressure gas or water blocking.

<u>PRODUCT</u>	<u>SOFTENING POINT +/- 5°F</u>	<u>PEN. +/-2</u>	<u>VISCOSITY CPS +/- 1,000</u>			<u>COLD TEMP. FLEXIBILITY</u>
			<u>250°F</u>	<u>300°F</u>	<u>350°F</u>	
3107	215°F	9	65,000	19,000	15,750	-30°F
3114-FR	206°F	18	45,000	20,000	13,750	-30°F
3361	274°F	26	---	---	3,875	-30°F
3268	202°F	30	---	24,000	13,750	-40°F

SOLARITE KM-4298 (Contains Water-Absorptive Polymers)

	<u>250°F</u>	<u>350°F</u>
Viscosity--Thermocel #27 Spindle @ 50 RPM.....	1,000 +/- 200 cps	100 +/- 25 cps
Penetration--Cone--No Weights.....	390 +/- 10	390 +/- 10

TEST PROCEDURES:

- 1) Softening Point ASTM-D-36 Ring & Ball
- 2) Penetration ASTMD-5-49 @ 77°F, 100 Grams, 5 Seconds (.1mm)
- 3) Viscosity--Brookfield Thermocel

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.