

SAVOFLOD SP-16
TELEPHONE CABLE FILLING COMPOUND

PRODUCT DISCRIPTION

SP-16 has been developed for applications in using liquid techniques. When applied at temperatures of minimum 100°C cable shall pass drainage test at 80°C, depending among others on filling temperature, conductor/cable diameter and other filling conditions. SP-16 can be applied both as filling (core) and flooding (outside core) compound.

<u>Properties</u>	<u>Unit</u>	<u>Method</u>	<u>Specification</u>	<u>Typical Data</u>
Drop point	°C	ASTM D-566/IP-371	95-105	98
Flash Point	°C	ASTM D-92	Min 230°C	242
Cone Penetration 25°C	dmm	ASTM D-937	Min 50	54
Kin. Viscosity, 120°C	C.St.	ASTM D-445	150-200	155
Colour	-	ASTM D-1500	<1.0	0.5
Total Acid No.	Mg KOH/g	ASTM D-974	<0.05	0.02
Absence of corrosive components	-	ASTM D-130	No corrosion	No corrosion
Volume Resistivity, 100°C	Ohm-cm	ASTM D-1169	>1x10 ¹²	2x10¹²
Relative Permittivity, 20C, 1MHz	-	ASTM D-924	<2.3	2.16
Dissipation Factor, 23°C, 1 MHz	-	ASTM D-924	<0.0015	0.0008
Compound Oil Separation, 60±2°C, 7 days Oil Separation Loss by evaporation	% %	FTM – 321.3	Nil <0.1	Nil 0.03