

**SAVOFIL BJ-20EM**  
TELEPHONE CABLE FILLING COMPOUND

**PRODUCT DISCRIPTION**

BJ-20EM has been developed for applications in using liquid techniques. When applied at temperatures of minimum 95°C cable shall pass drainage test at 65°C, depending among others on filling temperature, conductor/cable diameter and other filling conditions. Due to its comparatively higher viscosity it also suits higher pair cables better.

<u>Properties</u>	<u>Unit</u>	<u>Method</u>	<u>Specification</u>	<u>Typical Data</u>
Drop point	°C	ASTM D-566/IP-371	90-95	<b>92</b>
Flash Point	°C	ASTM D-92	Min 230°C	<b>235</b>
Cone Penetration 25°C	dmm	ASTM D-937	Min 35	<b>40</b>
Kin. Viscosity, 120°C	C.St.	ASTM D-445	Min 90	<b>110</b>
Colour	-	ASTM D-1500	<5	<b>3.5</b>
Total Acid No.	Mg KOH/g	ASTM D-974	<0.05	<b>0.02</b>
Absence of corrosive components	-	ASTM D-130	No corrosion	<b>No corrosion</b>
Volume Resistivity, 100°C	Ohm-cm	ASTM D-1169	>1x10 <sup>12</sup>	<b>2x10<sup>12</sup></b>
Relative Permittivity, 20C, 1MHz	-	ASTM D-924	<2.3	<b>2.21</b>
Dissipation Factor, 23°C, 1 MHz	-	ASTM D-924	<0.0015	<b>0.001</b>
Compound Oil Separation, 60±2°C, 7 days Oil Separation Loss by evaporation	% %	FTM – 321.3	Nil <0.1	<b>Nil</b> <b>0.03</b>