

## CP-4780-22

### PRODUCT DESCRIPTION

CP-4780-22 is used in convection and forced-cooled pipe cable systems. It is also widely used in self-contained cable systems due to its high resistance to gassing under electrical stress. CP-4780-22 is based on synthetic alkyl benzene, which has the following advantages:

- Low power factor
- Excellent oxidation stability
- Non-toxic
- High dielectric strength
- High water tolerance
- Compatible with polybutene or mineral oil
- High auto ignition point
- High volume resistivity
- Excellent resistance to gassing under electrical stress
- Low weight loss under vacuum
- No pumping problems

### TYPICAL PROPERTIES\*

	<b>CP-4780-22</b>
Viscosity @ 40°C, cSt, ASTM D445	19.5
Viscosity @ 100°F	3.3
Flash Point, C.O.C., °F (°C) ASTM D92	21.54
Pour Point °F (°C) ASTM D97	3.37
Viscosity Index ASTM D2270	-33.0
Density, lb/gal, 60°F	7.24
Specific Gravity, ASTM D1298	-45

### ELECTRICAL PROPERTIES

Power factor, 60 Hz, 100°C	D-924
Initial	0.0002
After heating 96 hrs. 115°C	D-1934 (Procedure A)
	0.0005
Resistively, ohm-cm, 100°C	D-1169, D-257
Initial	5x10 <sup>15</sup>

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After heating 96 hrs. 115°C	D-1934 (Procedure A)	2x10 <sup>14</sup>
Dielectric Strength, kV, 25°C	D-877	<35
Dielectric Constant, 60 HZ, 100°C	D-924	2.1
Gassing Under Electrical Stress		
Pirelli, Microliters/Minute	D-2300 (Procedure B)	<-10

\*These Values are not intended for use in preparing specifications.

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