

CP-4780-100

PRODUCT DESCRIPTION

CP-4780-100 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-4780-100 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*

	CP-4780-100
Viscosity @ 40°C, cSt, ASTM D445	94
Viscosity @ 100°F	8.1
Flash Point, C.O.C., °F (°C) ASTM D92	108.08
Pour Point °F (°C) ASTM D97	8.35
Viscosity Index ASTM D2270	20
Density, lb/gal, 60°F	7.24
Specific Gravity, ASTM D1298	-30

ELECTRICAL PROPERTIES

Power factor, 60 Hz, 100°C	D-924	
Initial		0.0003
After heating 96 hrs. 115°C	D-1934 (Procedure A)	0.0004
Resistively, ohm-cm, 100°C	D-1169, D-257	
Initial		5x10 ¹⁴

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Adress: Xuhui District, Shanghai Caoxi Yin Hai Building, A1207 Room, No. 250

Telephone helpline: 15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com

After heating 96 hrs. 115°C	D-1934 (Procedure A)	2x10 ¹⁴
Dielectric Strength, kV, 25°C	D-877	40
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.

Shanghai PingYiao Trading CO., Ltd.

Adress: Xuhui District, Shanghai Caoxi Yin Hai Building, A1207 Room, No. 250

Telephone helpline: 15900706965

Website: www.pingyiao.com

Tel: 86-21-64705533

Fax: 86-21-64705533-209

E-mail: info@pingyiao.com