



AC-8

Description

AC-8 is a phosphorous-based liquid accelerator for anhydride epoxy systems. The use of AC-8 affords extended pot life coupled with rapid high temperature cures. In addition, AC-8 provides higher heat distortion properties, excellent color retention and reduced cracking and delaminating.

Typical Applications

- VPI systems
- LEDs
- Electrical potting
- Filament winding
- Pultrusion
- Dip and bake coatings

Specifications

Appearance	Clear- slightly yellow
Viscosity, 25°C, cps	150-230
Specific Gravity, 25°C	1.075-1.076
Refractive Index	1.4827 – 1.4931

Typical Formulation

Parts by Weight	
BV 179	100
MHHPA	100
AC-8	2.5

Gel @80°C for 1 Hr + Cure @150°C for 2 Hrs Tg – 155°C

Parts by Weight	
Bis A Epoxy (EEW 185-190)	100
MTHPA-NT	80
AC-8	2.5

Gel @80°C for 1 Hr + Cure @150°C for 2 Hrs Tg – 142°C

Shelf Life: A mixture of 100 parts of epoxy resin, 83 parts of MHHPA and 1 part of AC-8 has a demonstrated shelf life of up to one year. At any time during this period, the blend can easily be cured at elevated temperatures.

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