



AC-PI

Description

AC-PI is a blended imidazole derivative that helps accelerate the cross-linking between an epoxy resin and an anhydride. This liquid catalyst mixes readily with a liquid anhydride system. AC-PI provides a longer pot life than AC-10 or AC-30. However cure times at temperatures exceeding 100°C are relatively short. AC-PI is used when you need a rapid full cure for fast processing.

Typical Applications

- Pultrusion
- Electrical and Electronics

Specifications

Appearance	Clear to dark amber liquid
Total Amine Nitrogen	11.4% Min.
Moisture	6.0% Max.

Typical Formulation

Epoxy: bisphenol-A type, epoxy equivalent 190	100 phr
MTHPA	87 phr
AC-PI	0.5 phr

Cure Temperature: 120°C

Gel Time: 14 Minutes in a Gardoc Stabletemp GT-STHP- 110 Gel timer apparatus.

Packaging

Drums: 55 gallon metal drum (441 lbs. net)

Pail: 5 Gallon Plastic (40 Lbs. Net)

Shelf Life

Product should be stored in a dry and cool area. Containers should remain tightly sealed to avoid moisture absorption and oxidation. Under these conditions, the product shelf life is 12 months.

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