

Crystic 1126 PA

Pre-accelerated Orthophthalic polyester resin

Introduction

Crystic 1126 PA is a pre-accelerated Orthophthalic polyester resin.

Formulation

Formulated for room temperature curing applications. It requires only addition of the correct amount of catalyst to start the curing reaction. Crystic 1126 PA should be allowed to attain workshop temperature (18°C - 25°C) before use. The catalyst should be thoroughly incorporated into the resin, using a low shear mechanical stirrer where possible.

Additives

The addition of certain pigments, fillers or extra styrene may adversely affect the properties of laminates so, for critical applications, customers should satisfy themselves that any additions made will give the performance required.

Typical Properties

The following table gives typical properties of Crystic 1126 PA.

Typical Liquid Resin Properties		Crystic 1126 PA
Appearance		Pale pink, cloudy bit-free resin
Viscosity (25°C) Brookfield RVT sp 3 @ 100rpm	cP	340 - 440
Thixotropic index		1.7 – 2.3
Gel time @ 25°C using 1% Norox KP9	minutes	18 - 22
Stability from date of manufacture when stored in accordance with storage recommendations	days	180

Post Curing

Satisfactory laminates for many applications can be made from Crystic 1126 PA by curing at workshop temperature (25°C). For optimum properties and long-term performance, however, laminates should be post cured before being put into service. The laminate should be allowed to cure for 24 hours at 20°C, and then be oven cured for 3 hours at 80°C, or 16 hours at 40°C.

Storage

Crystic 1126 PA should be stored below 25°C in the original, unopened container in a dry, well-ventilated place. Protect from freezing and direct sunlight. Avoid contact with oxidising agents. If stored outside of these recommendations, shelf life will be significantly reduced.

Packaging

Crystic 1126 PA is supplied in 225kg tighthead drums, 1000kg flowbins, bulk.

Health and Safety

Please see separate Material Safety Data Sheets

Version: Crystic 1126 PA_resin_EN_Mar25
Group tech class: R90441

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