

Introduction

Crestafire® P1-2002PA is a pre-accelerated thixotropic polyester resin with fire retardant properties.

Applications

Crestafire® P1-2002PA is suitable for spray and hand lamination techniques.

Features and benefits

Crestafire® P1-2002PA has fire retardant properties making it suitable for applications where fire resistance is a consideration.

Typical properties

Property		Liquid Resin
Appearance	-	Mauvish pink bit free resin
Viscosity (cone & plate 0-5P) 25°C	Poise	2.0 to 3.5
Acid Value	Mg KOH/g	20 to 28
Geltime at 25°C (2% Catalyst M)	Minutes	8 to 10
Stability from date of manufacture when stored in accordance with storage recommendations	Months	6

Before Use

Crestafire® P1-2002PA should be allowed to attain workshop temperature (18°C - 20°C) before use. It requires only the addition of a catalyst to start the curing reaction. The recommended catalyst is MEKP (50%), which should be added at 1% - 2% into the resin. The catalyst should be thoroughly incorporated into the resin, using a low shear mechanical stirrer where possible.

Additives

The addition of fillers or pigment pastes can adversely affect the properties of the cured laminate. Users should seek advice from our Technical Service Department before making any additions.

Post curing

Satisfactory laminates for many applications can be made from Crestafire® P1-2002PA by curing at workshop temperature (20°C). For optimum properties, 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 16 hours at 40°C or 3 hours at 80°C.

Storage

Crestafire® P1-2002PA should be stored between 5°C and 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

Crestafire® P1-2002PA is supplied in 25kg, 225kg & 1100kg containers.

Health and safety

Please see separate Safety Data Sheet.
