

TECHNICAL DATA SHEET



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1. PRODUCT NAME & DESCRIPTION

Allied Pregel

2. BASE MATERIAL

Polyester paste

2. GENERAL DATA & PROPERTIES

Product Description

Allied Pregel is a pink, reaccelerated highly thixotropic polyester paste which when used in polyester resin induces thixotropic properties. The addition of Allied Pregel reduces drainage in a vertical application.

Intended Uses

Allied Pregel may also be used in general bonding applications.

Typical Properties

Appearance

Opaque Pink Paste

Solid Content

62 – 66 %

Viscosity (Brookfield)

2000 – 3000 Ps

Gel Time Characteristics

Allied Pregel is specially formulated to cure at room temperature. Methyl Ethyl Ketone Peroxide (M E K P) is the preferred catalyst. Addition levels should be 1% by weight to ensure that satisfactory cure can be achieved under normal workshop conditions. Typical gel time with 1% catalyst at 25°C are as follows:-

Resin : 100gms

MEKP 50 : 1 gm

Gel time : 8 -12 min

Application

For a thixotropic application it is recommended that 8 - 12% of Allied Pregel be used on total resin charge. However, an excessive amount of Allied Pregel used in a polyester resin can cause the viscosity to increase to such an extent that air bubbles become entrapped in the laminate or gel coat and poor brush ability or poor impregnation of the reinforcement may result.

Storage Conditions

Allied Pregel should be stored under cool conditions (20-25°C) in closed opaque containers. Exposure to sunlight or at high temperature should be avoided since this can lead to premature gelation, even in the absence of a catalyst. Shelf life under ideal conditions is a maximum of six months from the date of manufacture.

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