

POLYMAC[®] Powder Resin

Polynt Composites USA ... Delivering high-quality coating resin technologies & solutions since 1947!

Polymac 5190 Carboxyl-Terminated Polyester Resin

Description

Polymac 5190 is a high reactivity, bloom-resistant, storage-stable carboxyl-functional polyester resin designed for cure with TGIC in a 93:7 wt. ratio. It will cure at 130°C for 25 minutes. The resulting coatings exhibit excellent exterior durability and mechanical properties along with good flow.

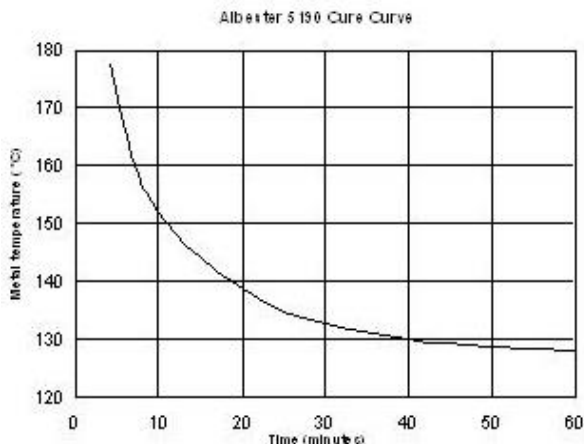
Typical Physical Properties

Viscosity (mPa·s) at 200°C*	2600-2300
Color maximum (Gardner) at 50% solids*	3
Acid value*	31-36
Tg (°C)*	51
Appearance	Water white flakes

Starting Point Formula

FORMULA	
Polymac 5190	602
TGIC	45
Titanium dioxide	330
Flow agent	15
Benzoin	8
Total	1000

CURE CURVE



*Theoretical values are listed. Actual values may vary depending on test method and coating composition.

Polymac 5190

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