

POLYMAC[®] Powder Resin

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

Polymac 5900 Carboxyl-Terminated Polyester Resin

Description

Polymac 5900 is a carboxyl-functional polyester resin designed for cure with TGIC in a 90:10 ratio. The resulting coatings exhibit excellent exterior durability, flow and mechanical properties, along with better hardness and solvent resistance than powder coatings based on a 93:7 system. By physical blending coatings based on Polymac 5900 and Polymac 5400, matte finishes can be achieved. Polymac 5900 is TMA-free.

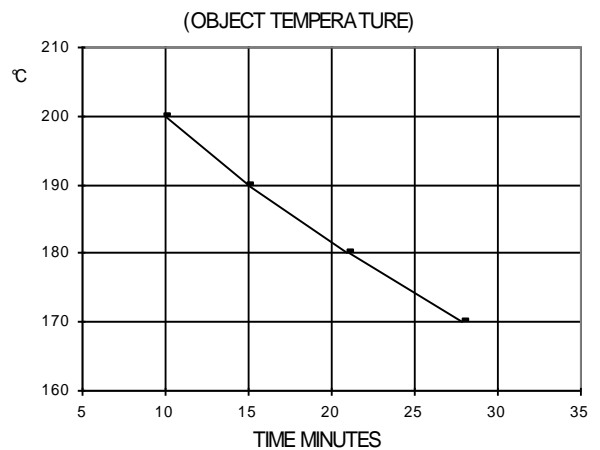
Typical Physical Properties

Viscosity (mPa-s) at 200°C*	3300-4300
Color maximum (Gardner) at 50% solids*	2
Acid value*	46-52
Tg (°C)*	67
Appearance	Water white flakes

Starting Point Formula

FORMULA	
Polymac 5900	551
TGIC	61
Titanium dioxide	374
Flow agent	9
Benzoin	5
Total	1000

CURE CURVE



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

Polymac 5900

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Warranty Disclaimer

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