



POLYMAC[®] Powder Resin

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

Polymac 5040 Carboxyl-Terminated Polyester Resin

Description

Polymac 5040 is a low reactivity, high Tg carboxyl-functional polyester resin designed for cure with TGIC in a 93:7 ratio (94:6 ratio is also possible). The resulting coatings exhibit excellent flow, exterior durability and mechanical properties, and enhanced impact fusion resistance. Polymac 5040 is TMA-free.

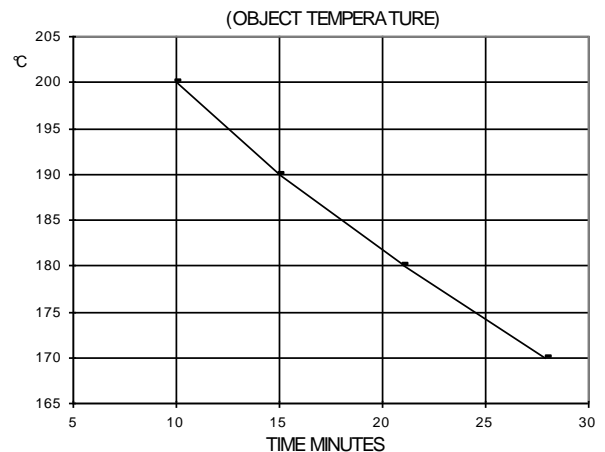
Typical Physical Properties

Viscosity (mPa·s) at 200°C*	6200-7200
Color maximum (Gardner) at 50% solids*	1
Acid value*	30-36
Tg (°C)*	68
Appearance	Water white flakes

Starting Point Formula

FORMULA	
Polymac 5040	568
TGIC	44
Titanium dioxide	376
Flow agent	7
Benzoin	5
Total	1000

CURE CURVE



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

Polymac 5040

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Warranty Disclaimer

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