



POLYMAC[®] Powder Resin

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

Polymac 5650 Carboxyl-Terminated Polyester Resin

Description	Polymac 5650 is a catalyst-free, carboxyl-functional polyester resin designed to cure using TGIC at a 93:7 TGIC ratio. The resulting films using this resin system are characterized by high gloss, excellent hardness, excellent flexibility and color retention, and good exterior durability.	
Typical Physical Properties	Viscosity (mPa·s) at 200°C*	3700-5600
	Color Maximum (Gardner) at 50% Solids*	3
	Acid Value*	30-35
	Tg (°C)*	61
	Appearance	Water white flakes
Starting Point Formulatio	FORMULA	
	Polymac 5650	608.1
	TGIC	46.9
	Resiflow P-67 (Estron)	10
	Benzoin	5
	Titanium dioxide	330
	Total	1000
Film Formation	BAKE SCHEDULE	10 minutes at 204°C

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

Polymac 5650

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