

# POLYMAC<sup>®</sup> Powder Resin

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

## Polymac 6140 Super-Durable Carboxyl-Terminated Polyester Resin

<b>Description</b>	Polymac 6140 is a carboxyl-functional polyester resin that has been specifically designed to give superior exterior durability when properly formulated in a 93:7 ratio with TGIC. The addition of emission-free blocked isocyanates considerably improves QUV and mechanical properties.	
<b>Typical Physical Properties</b>	Viscosity (mPa·s) at 200°C*	3400-4400
	Color maximum (Gardner) at 50% solids*	2
	Acid value*	30-36
	Tg (°C)*	63
	Appearance	Water white flakes
<b>Starting Point Formulation</b>	FORMULA	
	Polymac 6140	552
	Aliphatic isocyanate (300 g/eq)	30
	TGIC	43
	Flow agent	7
	Benzoin	5
	Titanium dioxide	363
	Total	1000
<b>Film Formation</b>	BAKE SCHEDULE	15 minutes at 204°C

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

### Polymac 6140

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