

# POLYMAC<sup>®</sup> Powder Resin

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

## Polymac 3220 Hydroxyl-Terminated Polyester Resin

<b>Description</b>	Polymac 3220 is a hydroxyl-functional polyester resin designed to be cured with aliphatic and aromatic blocked polyisocyanates. It offers excellent flexibility, impact resistance, gloss and exterior durability. It permits high pigment and filler loadings without sacrificing flow and physical properties. This resin has been specifically designed to be blended with Polymac 3110 to produce low gloss powder coatings.	
<b>Typical Physical Properties</b>	Viscosity (mPa·s) at 200°C*	3700-5600
	Color maximum (Gardner) at 50% solids*	1
	Acid value*	4
	Tg (°C)*	58
	Hydroxyl value*	40
	Appearance	Water white flakes
<b>Starting Point Formulation</b>	FORMULA	
	Polymac 3220	502.1
	Alcure <sup>®</sup> 4402	100.3
	Titanium dioxide	290.0
	Blanc fixe	86.3
	Flow agent	16.3
	Benzoin	5
	Total	1000
<b>Film Formation</b>	BAKE SCHEDULE	10 minutes at 204°C 15 minutes at 195°C

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

### Polymac 3220

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