

# POLYMAC<sup>®</sup> Powder Resin

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

## Polymac 3110 Hydroxyl-Terminated Polyester Resin

<b>Description</b>	Polymac 3110 is a hydroxyl-functional, highly branched polyester resin designed for blending with Polymac 3000, Polymac 3160 and other Polymac resins to improve their hardness, or for blending with Polymac 3220 for gloss control. They are normally cured with blocked polyisocyanates. Used as the sole resin, Polymac 3110 will yield a very hard (3-5H) film with superior solvent and stain resistance and excellent clarity.	
<b>Typical Physical Properties</b>	Viscosity (mPa·s) at 200°C*	2100-3000
	Color maximum (Gardner) at 50% Solids*	1
	Acid value*	11
	Tg (°C)*	48
	Hydroxyl value*	290
	Appearance	Water white flakes
<b>Starting Point Formulation</b>	LOW GLOSS FORMULA	
	Polymac 3110	305
	Polymac 3220	100
	Alcure <sup>®</sup> 4147	175
	Resiflow PV 88 (Estron)	13
	Benzoin	5
	Titanium dioxide	303
	Blanc fixe barytes	100
	Total	1000
	BRASS HARDWARE CLEAR FORMULA	
	Polymac 3110	381
	Alcure 4430	600
	Resiflow L (Estron)	15
	Benzoin	4
	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 3110

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Customer Service: phone +1 800 322 8103 • fax +1 847 428 2757

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