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## Alcure 4470 Polymeric Isocyanate Curative

<b>Description</b>	Alcure 4470 is a high performance, low temperature-curing polymeric aliphatic isocyanate hardener based on IPDI and blocked with triazole. When properly formulated in coating powders, this product will yield a coating with excellent flow and good overall physical properties. This product is exterior durable.	
<b>Features</b>	<ul style="list-style-type: none"> <li>▪ Cures as low as 140°C</li> <li>▪ Exterior durability</li> <li>▪ Excellent flow</li> <li>▪ Good overall performance</li> </ul>	
<b>Performance Benefits</b>	<ul style="list-style-type: none"> <li>▪ Low temperature cure and fast cure</li> <li>▪ No <math>\epsilon</math>-caprolactam emissions</li> <li>▪ Good impact and chemical resistance</li> </ul>	
<b>Typical Physical Properties</b>	Exterior grade*	Yes
	NCO equivalent weight*	212
	Glass transition temperature (Tg)*	58°C
	Appearance	Water white flakes
<b>Starting Point Formulation</b>	FORMULA	
	Polymac® 3870	523.3
	Alcure 4470	79.1
	Titanium dioxide	290.0
	Blanc fixe	86.3
	Flow agent	16.3
	Benzoin	5
	Total	1000
<b>Film Formation</b>	BAKE SCHEDULE	30 minutes at 160°C**

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

\*\*Baking schedule of polymeric-blocked isocyanate curative or uretdione depends on the hydroxyl-terminated polyester used.

### Alcure 4470

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