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Alcure 4402 Polymeric Isocyanate Curative

Description	Alcure 4402 is a high performance, polymeric aliphatic isocyanate hardener based on IPDI and blocked with ϵ -caprolactam. When properly formulated in coating powders, this product will yield a coating with excellent flow and excellent overall physical properties.	
Features	<ul style="list-style-type: none"> ▪ Excellent flow ▪ Exterior durability ▪ Excellent overall performance 	
Performance Benefits	<ul style="list-style-type: none"> ▪ Higher reactivity than Alcure 4400 ▪ Very good impact and chemical resistance ▪ Equivalent performance to higher trimer content aliphatic systems 	
Typical Physical Properties	Exterior grade*	Yes
	NCO equivalent weight*	280
	Glass transition temperature (Tg)*	58°C
	Appearance	Water white flakes
Starting Point Formulation	FORMULA	
	Polymac® 3870	502.1
	Alcure 4402	100.3
	Titanium dioxide	290.0
	Blanc fixe	86.3
	Flow agent	16.3
	Benzoin	5
	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.

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

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Warranty Disclaimer

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