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Alcure 4430 Polymeric Isocyanate Curative

Description	Alcure 4430 is a high performance, polymeric aliphatic isocyanate hardener based on H12MDI and blocked with ϵ -caprolactam. When properly formulated in coating powders, this product will yield a coating with excellent flow and chemical resistance and good overall physical properties.	
Features	<ul style="list-style-type: none"> ▪ Good flow ▪ Exterior durability ▪ Good overall performance 	
Performance Benefits	<ul style="list-style-type: none"> ▪ Good stain resistance ▪ Good chemical resistance ▪ Lower temperature cure than Alcure 4400 	
Typical Physical Properties	Exterior grade*	Yes
	NCO equivalent weight*	333
	Glass transition temperature (T _g)*	55°C
	Appearance	Water white flakes
Starting Point Formulation	FORMULA	
	Polymac® 3870	486.8
	Alcure 4430	115.6
	Titanium dioxide	290.0
	Blanc fixe	86.3
	Flow agent	16.3
	Benzoin	5
Total	1000	
Film Formation	BAKE SCHEDULE	20 minutes at 180°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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Polynt Composites USA Inc. • 99 East Cottage Ave. • Carpentersville, IL 60110
 Customer Service: phone +1 800 322 8103 • fax +1 847 428 2757

www.polynt.com • www.polyntcompositesus.com

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Warranty Disclaimer

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