# Alcure 4430 Polymeric Isocyanate Curative

<table>
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<th>Description</th>
<th>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.</th>
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| Features | - Good flow  
- Exterior durability  
- Good overall performance |
| Performance Benefits | - 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 (Tg)* | 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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