

BCA PDU - N,N-Dimethyl Phenyl Urea

DESCRIPTION:

BCA PDU is a substituted urea. It is used as a dicyandiamide (DICY) accelerator in one-component epoxy resin based formulations. Typically the product is used with epoxy resin and dicy-andiamide between 1-3 phr. The loading level of an accelerator will provide balance of low temperature reactivity and formulation shelf stability.

ADVANTAGES:

- Good Formulation Shelf Stability
- Moderate Glass Transition Temp.
- Excellent Adhesion to a Variety of Substrates

APPLICATIONS:

- One-Component Paste and Film Adhesives for Automotive and Aerospace Applications
- Composites such as Prepregs
- Powder Coatings

TYPICAL PROPERTIES	
Appearance	Off White Powder
Assay	99%
Particle Size	> 80% < 44 micron
Melting Point (°C)	129 - 134
Moisture Content (% max.)	0.2
Mix Ratio with Std. Epoxy Resin	1 - 3 PHR With 3 - 8 PHR of Dicy

STORAGE LIFE:

This product has a shelf life of two years from the date of manufacture when stored at ambient temperature in the original unopened container.

HANDLING PRECAUTIONS:

Please refer to the BCA PDU Safety Data Sheet.



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Through Technology*

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