

BCA MDU - [1,1-(4-methyl-m-phenylene)bis(3,3 dimethyl urea)]

DESCRIPTION:

BCA MDU 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:

- Excellent 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
Purity (min.)	98%
Particle Size	> 80% < 44 micron
Melting Point (°C)	220 - 230
Moisture Content (% max.)	0.7
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 MDU Safety Data Sheet.