

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

### DESCRIPTION:

**BCA TDU** 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 dicyandiamide 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

### 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 TDU Safety Data Sheet.

TYPICAL PROPERTIES	
<b>Appearance</b>	Off White Powder
<b>Assay</b>	98%
<b>Particle Size</b>	> 80% < 44 micron
<b>Melting Point (°C)</b>	182 - 195
<b>Moisture Content (% max.)</b>	0.7
<b>Mix Ratio with Std. Epoxy Resin</b>	1 - 3 PHR With 3 - 8 PHR of Dicy