

## The Chemical Company DICYANDIAMIDE, C<sub>2</sub>H<sub>4</sub>N<sub>4</sub>

Category : Other Engineering Material , Additive/Filler for Polymer

**Material Notes:**

Commonly known as DICYandiamide (DICY), the white crystalline compound is the dimer for cyanamide or for cyanoguanidine. The primary use of the chemical is in the production of melamine, but it is also as a curing agent for epoxy resins. DICY crystals melt at 45° C, and are soluble in water and alcohol. Other uses for the compound are in the manufacture of fertilizers, explosives, oil well drilling muds, pharmaceuticals, and dyestuffs. Handling Instructions: Store in a cool, dry, well ventilated warehouse, and keep away from moisture. Molecular Formula: C<sub>2</sub>H<sub>4</sub>N<sub>4</sub> Information provided by The Chemical Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_The-Chemical-Company-DICYANDIAMIDE-C2H4N4.php](http://www.lookpolymers.com/polymer_The-Chemical-Company-DICYANDIAMIDE-C2H4N4.php)

Physical Properties	Metric	English	Comments
Particle Mesh Size	48 Mesh	48 Mesh	= 40% particles larger
Ash	<= 0.050 %	<= 0.050 %	

Thermal Properties	Metric	English	Comments
Melting Point	209 - 211 °C	408 - 412 °F	

Component Elements Properties	Metric	English	Comments
Calcium, Ca	0.020 %	0.020 %	

Descriptive Properties	Value	Comments
Appearance	White Crystals	
Assay	= 99.5%	
Impurity Precipitating Test	Acceptable	
Weight Loss (%)	= 0.3%	dry loss

### Contact Songhan Plastic Technology Co.,Ltd.

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