

The Chemical Company Urea

Category : Polymer

Material Notes:

Urea,CO(NH2)2, is a colorless organic chemical compound compound also known by the International Nonproprietary Name (rINN) carbamide, as established by the World Health Organization. It is highly soluble in water and has a pKa close to zero. Urea is essentially the waste produced when the body metabolizes protein. It is not only produced by humans, but also by many other mammals, as well as amphibians and some fish. Urea was the first natural compound to be artificially synthesized using inorganic compounds.Information provided by The Chemical Company

Order this product through the following link:
http://www.lookpolymers.com/polymer_The-Chemical-Company-Urea.php

Physical Properties	Metric	English	Comments
Bulk Density	0.750 g/cc	0.0271 lb/in³	
Particle Mesh Size	10 Mesh	10 Mesh	
pH	7.3 - 9.5	7.3 - 9.5	10% solution

Thermal Properties	Metric	English	Comments
Melting Point	132 °C	270 °F	

Component Elements Properties	Metric	English	Comments
Nitrogen, N	>= 46 %	>= 46 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.30 %	<= 0.30 %	

Descriptive Properties	Value	Comments
Alkalinity as NH3 (ppm)	<120	
Angle of Repose	34°	
Appearance	Solid prills	
Assay	0.99	
Biuret (%)	< 1.2	
Formaldehyde (%)	0.2	
Hazen Color Value (pt-co)	10	

Turbidity as SiO2 (ppm) Descriptive Properties	< 20 Value	Comments
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