

## HEXAMETHYLENE HEXAMINE (HMT) SPECIFICATION

Hexamine Unstabilized		
Specification Unit		Result
Appearance		white Crystalline powder
Purity	wt%	Min. 99.5
Ash Content	wt%	Max. 0.03
Humidity	wt%	Max. 0.25
Ammonia	wt%	Max. 0.02
Formaldehyde	wt%	Max. 0.02
Chloride		Nil
Sulfate		Nil
Heavy metal		Nil
pH (10% Aq. solution.)		8 - 9
		80 - 800 Micron
Mesh Size		US mesh 20 - 170 0.08 - 0.8 mm
Molecular Weight	gr	140.2
Melting Point	°c	270 ( Decomposition )
Density	gr/cm3	1.33
Bulk weight	gr/cm3	0.7 - 0.8
Solubility @ 12°c in: Water	wt%	81.3
Solubility @ 20°c in: Methanol	wt%	7.25
Solubility @ 20°c in: Absolute Ethanol	wt%	2.89
Solubility @ 20°c in: Acetone	wt%	0.65
Hexamine Stabilized (0.5Wt% Silica) *		
Appearance		white Crystalline
Purity	wt%	Min. 99
Ash Content	wt%	Max. 0.53
Humidity	wt%	Max. 0.25
Ammonia	wt%	Max. 0.02
Formaldehyde	wt%	Max. 0.02
Chloride		Nil
Sulfate		Nil
Heavy metal		Nil
pH (10% Aq. solution)		8 - 9
		80 - 800 micron
Mesh Size		US Mesh 20 - 170 0.08 - 0.8 mm

## HEXAMETHYLENE HEXAMINE (HMT) SPECIFICATION

Hexamine Stabilized (1 Wt% Silica) *		
Appearance		white Crystalline
Purity	wt%	Min. 98.5
Ash Content	wt%	Max. 1.03
Humidity	wt%	Max. 0.25
Ammonia	wt%	Max. 0.02
Formaldehyde	wt%	Max. 0.02
Chloride		Nil
Sulfate		Nil
Heavy metal		Nil
pH (10% Aq. solution)		8 - 9
Mesh Size		80 - 800 Micron
		US Mesh 20 - 170
		0.08 - 0.8 mm

### **APPLICATION:**

- Hardener in synthetic resins
- Pharmaceuticals
- Agriculture
- Leather and Textile
- Explosives
- Rubber
- Photography
- Organic chemicals
- Paper
- Oil
- Metal Industry

### **PACKING:**

- In 25 kg net PP/PE or a 3 layer pressed Polyethylene bag, 40 bags on pallet, 20 Pallets = 20 MT in 20 FCL.
- In 500 Kg net Jumbo Bag without pallet, 30 jumbos = 15 MT in 20 FCL.

