



# Technical Data Sheet

Melamine · CAS 108-78-1 · C<sub>3</sub>H<sub>6</sub>N<sub>6</sub>

## TECHNICAL DATA SHEET (DRAFT) - Melamine 99.8%

### Product Description

Melamine is a white, crystalline powder used primarily for the production of thermosetting resins.

### Physical Properties

- Chemical Formula: C<sub>3</sub>H<sub>6</sub>N<sub>6</sub>
- CAS Number: 108-78-1
- Molecular Weight: 126.12
- Melting Point: 345°C (Sublimes)

### Specifications

Property	Unit	Specification
Purity	%	"e 99.8
Moisture	%	"d 0.1
pH Value (10% slurry)	-	7.5 – 9.5
Ash Content	%	"d 0.03
Whiteness (APHA)	-	"d 15
Density	g/cm <sup>3</sup>	1.57

### Key Applications

- Laminates: Impregnating resins for HPL and LPL.
- Adhesives: Melamine-Urea-Formaldehyde (MUF) for water-resistant wood panels.
- Coatings: Cross-linker for amino resins in stoving enamels.

Note: These specifications are typical but not guaranteed. Please refer to the COA for batch-specific data.



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