



شركة قطر للميلامين
QATAR MELAMINE CO.



منتجات
Muntajat

MELAMINE

Chemical name: Molecular formula : $C_3H_6N_6$
CAS No. : 108-78-1
Abbreviation : 1,3,5-triazine-2,4,6-triamine

DESCRIPTION

Melamine is white crystalline powder without visible mechanical impurities. Melamine is manufactured by thermal decomposition of urea.

Technical quality conditions:

Characteristics	MU	Values	Testing methods
Melamine content	%	Min. 99.8	M – 5A
Moisture	%	Max. 0.1	M - 2
Colour	APHA	Max. 20	M – 6A
Ash	%	Max. 0.01	M - 9
pH (10% aqueous solution)	-	7.5 - 8.5	M - 4
Fe	mg/kg	1	M – 9A

SPECIFIC PROPERTIES:

Melting point: 354 °C
Bulk density at 20 °C : 1.57 g/cm³
Solubility in water at 20 °C: 3.1 g/l

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

APPLICATIONS:

Melamine is combined with formaldehyde to produce melamine resin, a very durable thermosetting plastic used in melamine dinnerware, laminate flooring and dry erase boards.

Melamine foam is used as insulation, soundproofing material and in polymeric cleaning products, such as Magic Eraser. Melamine is one of the major components in Pigment Yellow 150, a colorant in inks and plastics. Melamine also enters the fabrication of melamine poly-sulfonate used as superplasticizer for making high-resistance concrete.

PACKAGING AND STORAGE:

Melamine is packed in 25 kg vented paper bags and polypropylene big - bags 500-1000 kg. Melamine should be stored in clean, well ventilated roofed facilities while providing protection against moisture and dirt.

Product must be kept away from incompatibles such as oxidizing agents, acids. Improper storage may affect product quality.

SAFETY INFORMATION:

Before handling and using of product, the personnel must be aware of the dangers implied. This information is available in SDS and on the product label.

Handle carefully not to break the bag. Use dust respirator and rubber gloves.

TECHNICAL DISCLAIMER

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question, and is further advised against relying on the information contained herein as it may relate to any specific use or application.

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