



EQUILEX CHEMICALS BV
Jan van Galenstraat 54
3115 JG SCHIEDAM
The Netherlands
Tel : +31 103403090
info@equilex.com

TECHNICAL DATA SHEET

Ref.name: T/MEL
Rev.no.: 01
Date: 24-12-2015

MELAMINE

PRESENTATION:

Melamine is an organic compound with the formula $C_3H_6N_6$. It is a polyvalent organic base. Melamine structurally consists of an aromatic ring composed of 3 carbon and 3 nitrogen atoms. Melamine is the cyclic trimer of cyanamide.

APPLICATIONS:

Melamine is mainly used as raw material for melamine resins and coatings. By a reaction with aldehydes (usually formaldehyde) thermosetting plastics can be produced. Melamine-formaldehyde is strong, light, hard and resistant to acids and bases.

TYPICAL PROPERTIES:

PROPERTY	UNIT	TYPICAL	TEST METHOD
Purity	% wt	99.85	GC*
Color Hazen (Pt-Co) (APHA)		< 10	ASTM D 1209*
Water	% wt	0.04	KF oven method *
Iron	mg/kg	0.12	ICP or AAS*
Ash	% wt	< 0.01	ASTM D 5630*

*or equivalent method

Disclaimer of Liability

The information in this bulletin is believed to be accurate but all recommendations are made without warranty, since the conditions of use are beyond Equilex BV's control. Equilex BV disclaims any liability in connection with the use of the information which is illustrative only and does not warrant against infringement by reason of the use of any of its products in combination with other material or any process.