

TECHNICAL DATA SHEET

Ref.no: T/MAA
Rev.no: 04
Date: 31-03-2015

MALEIC ANHYDRIDE

PRESENTATION:

Maleic anhydride is an unsaturated di-carboxylic acid obtained from the oxidation of n-butane or benzene. It is a white solid, and it is delivered in briquettes or molten.

APPLICATIONS:

Maleic anhydride is used in unsaturated polyesters, gum rosin modification, additives for lubricants oils, surface coatings, plasticizers, insecticides, herbicides, fungicides and as a dienophile for Diels Alder reactions.

TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Molecular weight	g / mole	98.1	
Appearance		white solid	
Boiling point	°C	202	ASTM D 1078*
Density at 20 °C	g/cm ³	1.47	ASTM D 4052*
Flash point, closed cup	°C	102	ASTM D 93*
Purity	% wt	99	GC*
Solidification point	°C	52 - 55	ASTM D 1493*
Color Apha		20	ASTM D 3366*

*or equivalent method

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