

## OPTIMISTIC ORGANIC SDN BHD

### MALEIC ANHYDRIDE - MOLTEN

Rev.No.05  
Date: 23.02.2015

**Chemical Formula:** C<sub>4</sub>H<sub>2</sub>O<sub>3</sub>

**Structural Formula:**



**Molecular Weight:** 98.06

#### **PACKING**

20 - 25 MT of Molten Maleic Anhydride filled and dispatched in ISO Container.

#### **Application & Uses:**

Maleic Anhydride is an important Organic Acid Anhydride.

It is used in the manufacture of wide range of products like

Unsaturated Polyester Resins, Alkyd Resins, Lube Oil Additives,  
Paper Sizing Chemicals, Insecticides and Fine Chemicals

#### **SPECIFICATION :**

S.No	Characteristics	Units	Guaranteed	Test Method	Remarks
01	Appearance	-	Clear & Bright	Visual	
02	Purity	Wt %	99.80 Min	SAP/LAB/10	Gas Chromatography
03	Molten Color	APHA	20 Max	ASTM D 1209	
04	Molten Color after heating	APHA	40 Max	ASTM D 1209	
05	Solidification Point	°C	52.5 Min	ASTM D 1493	
06	Free Maleic Acid	Wt %	0.30 Max	ASTM D 2930	
07	Ash Content	ppm	10 Max	ASTM D 482	Gravimetry Method
08	Iron Content	ppm	2 Max	ASTM D 1068	UV Spectrophotometer

#### **ISO Container Tanks - Checks to be done on arrival:**

- Tank is sealed with Nitrogen Gas inside for quality preservice.
- Positive Nitrogen Pressure on arrival is thus preferable.
- Opening of any nozzle / manhole is to be done only after depressuring the tank.
- Ensure that tanks should have bottom discharge valve.

#### **STORAGE GUIDELINES**

Product quality can be maintained for long periods by preventing;

- To be avoided Humid conditions and Moisture entry into the Storage Tank.
- To be avoided direct exposure to the Sun Light.

#### **For Enquiries & Details, please contact:**

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