

## Product Information

# TRIMELLITIC ANHYDRIDE

Abbreviation : TMA  
CAS No. : 552-30-7  
Molecular Weight : 192.12  
Molecular Formula : C<sub>9</sub>H<sub>4</sub>O<sub>5</sub>

Specification	Unit	Typical Value
Appearance	-	White flakes
Purity	Wt %	99.50 Min
Total Anhydride	Wt %	98.5 +/- 1.5
Melting Point	°C	165 – 168
Colour (Pt-Co)	-	150 Max

### Chemical and Physical Properties :

Odor: Musty odor.  
pH: 2.0  
Vapour Pressure: Less than 1.1X10<sup>-7</sup> mm Hg at 25°C  
Vapour Density: 6.6  
Boiling Point : 730°F(390°C)  
Melting Point : 330°F(165°C)  
Solubility in Water: Moderate after hydrolysis to acid.  
Specific Gravity: 1.54

### Packaging:

Paper bags with plastic liner, 25kg net. Available in 500kg, 750kg or 1000kg bulk bags.

### Application:

Suitable for alkyd coatings, plasticisers, high temperature polymers, low-cost epoxy curing, surfactants and specialty chemicals. It is extensively used in the automotive, building and construction, consumer goods, coatings and packaging sectors.

### Caution for Storage:

Store dry on pallets, not exposed to heating or UV light, at adequately ventilated area.

### For more information:

Please contact our local representative.

Technical information regarding the composition, properties or use of the product described in this Product Information is believed to be reliable. However, no representation or warranty is made with respect thereto except as made by Planet Asia Pte Ltd in writing at the time of sale.

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