

# TRIMELLITIC ANHYDRIDE



CAS Number: 552-30-7

Other Names: 1,2,4-Benzenetricarboxylic anhydride; TMAN;  
1,3-Dioxo-1,3-dihydroisobenzofuran-5-carboxylic acid;  
Anhydrotrimellitic acid; 4-Carboxyphthalic anhydride;  
Anhydrotrimellitic acid; Trimellitic acid 1,2-anhydride

Formula: C<sub>9</sub>H<sub>4</sub>O<sub>5</sub>

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## PRODUCT INTRODUCTION

Trimellitic anhydride is a white solid in the form of flakes. Trimellitic anhydride is readily soluble in acetone, cyclohexanone, 2-butane, ethyl acetate, and dimethyl formamide.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Flake
Total Anhydride Content	98.38 %
Acid Value	873.95 mgKOH/g
Melting Point	165.3°C
Molten Color (Pt-Co)	100
PA Content	< 300 ppm

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## APPLICATIONS

- The largest amount of trimellitic anhydride is used to make plasticizers for poly(vinyl chloride).
- In addition, trimellitic anhydride is used as an embossing agent for foam-backed vinyl flooring and as a curing agent for epoxy and other resins.
- It is also used as a plasticizer in materials used to store and cover food and in the synthesis of various anticorrosive surface coatings, agricultural chemicals, and pharmaceutical products.

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## PACKAGING OPTIONS

Drums

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