

# JAYHAWK a-BTDA<sup>®</sup> Ultrapure

## ■ Synonyms

a-BTDA  
Asymmetric BTDA

## ■ IUPAC name

4-(1,3-dioxo-1,3-dihydroisobenzofuran-5-carbonyl)isobenzofuran-1,3-dione

## ■ Appearance

White, crystalline solid

## ■ Specification

a-BTDA: min. 99.8%  
Tetraacid: max 0.2%  
monoanhydride: max. 0.2%

## ■ Applications

Co-monomer for polyimide synthesis

## ■ Other properties

Specific gravity: 1.50 at 15.6 °C  
Bulk density: 0.56 g/cm<sup>3</sup>  
Melting point: 218 °C

## ■ Packaging

1 kg and 15 kg vapor barrier bags

## ■ Toxicity

LD50 (oral, rat): 12800 mg/kg  
Test substance: 3,3',4,4'-benzophenonetetracarboxylic dianhydride

## ■ Safety recommendations

Avoid contact with skin and eyes / In case of contact, rinse immediately with plenty of water and seek medical advice. / Wear suitable protective clothing. Gloves and eye/face protection.

## ■ Transport classification

US-HTS: 2918.30.3000  
Not dangerous according to transport regulations

## ■ Inventories

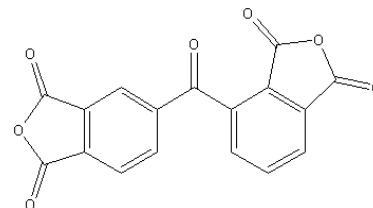
Made-to-order, 90 day lead time

PI-105-03, 30.07.2020

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## Chemical structure



## Formula

C<sub>17</sub>H<sub>6</sub>O<sub>7</sub>

## CAS No.

104677-79-4

## Molecular weight

322.23 g/mol

## UN No.

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