

JAYHAWK BTDA[®] Polymer Fine



■ Synonyms

BTDA
4,4'-Carbonylbis(phthalic anhydride)
4,4'-Carbonyldiphthalic acid anhydride

■ IUPAC name

5,5'-carbonylbis(2-benzofuran-1,3-dione)

■ Appearance

Light-tan, free-flowing powder

■ Specification

BTDA: min. 98.0%
Tetraacid: max. 1.2%
Color: max. 100 Klett

■ Applications

Co-monomer for polyimide synthesis; thermal curative for epoxies

■ Other properties

Specific gravity: 1.57 at 15.6 °C
Bulk density: 0.71 g/cm³
Melting point: min. 223 °C
PSD: 10-25 microns

■ Packaging

20 kg vapor barrier bag
55 gal HDPE drum with LDPE bag (1 x 115 kg or 5 x 20 kg)

■ Toxicity

LD50 (oral, rat): 12800 mg/kg

■ 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.

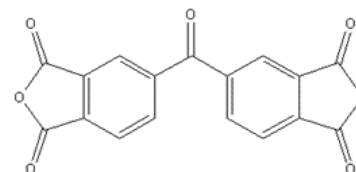
■ Transport classification

US-HTS: 2918.30.3000
Not dangerous according to transport regulations

■ Inventories

Made-to-order, 90 day lead time

Chemical structure



Formula

C₁₇H₆O₇

CAS No.

2421-28-5

Molecular weight

322.23 g/mol

UN No.

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PI-101-05, 30.07.2020

This information is based on our present state of knowledge and is intended to provide general Notes on our products and their uses. Product properties and criteria for use in catalogues, instruction leaflets, safety data sheets and other information material that we make available to the Buyer, as well as product descriptive statements are not to be understood as exclusively agreed in writing. Any existing industrial property rights must be observed. The Quality of our products is warranted under our Standard Terms & Conditions of Sale. BTDA is a registered trademark of Jayhawk Fine Chemicals Corporation.

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