3,3',4,4'-Benzophenonetetracarboxylic dianhydride (BTDA)

3,3',4,4'-Benzophenonetetracarboxylic dianhydride (BTDA) · RS-BTDA · CAS 2421-28-5 · Technical Data Sheet · RawSource · rawsource.com/product/benzophenonetetracarboxylic-dianhydride-btda/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
2421-28-5	RS-BTDA	Dianhydride · polyimide monomer

3,3',4,4'-Benzophenonetetracarboxylic dianhydride (BTDA) is a polyimide monomer supplied as a white to off-white powder. It is used mainly as a monomer for preparing polyimide and as a raw material for heat-resistant polymers.

DISTRIBUTED BY
RawSource Inc.
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Product page: rawsource.com/product/benzophenonetetracarboxylic-dianhydride-btda/
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GENERAL INFORMATION

Chemical name	3,3',4,4'-Benzophenonetetracarboxylic dianhydride
Molecular formula	$C_{17}H_6O_7$

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	White to off-white powder	White powder
Melting Point	220 – 226 °C	225.5 °C
BTA	0.2 % max	0.01 %
Mono-anhydride	0.20 % max	0.15 %

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

APPLICATIONS

- Monomer for polyimide
- Raw material for heat-resistant polymers

Applications are those stated for the product. Confirm suitability for each formulation by trials.

HANDLING REQUIREMENTS

- Store at room temperature, away from light and air.

PACKAGING AND SHELF LIFE

- 25 kg drums
- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.