

TECHNICAL DATA SHEET

Terephthalic Acid (TPA) | CAS 100-21-0

1. Product Identification

Product Name	Terephthalic Acid (TPA)
CAS Number	100-21-0
Synonyms	1,4-Benzenedicarboxylic acid, PTA
Category	Acid
Available Grades	Technical/99%/LR
HSN Code	2917.35

2. Physical & Chemical Properties

Molecular Formula	C ₈ H ₆ O ₄
Molecular Weight	166.13
Appearance	Refer to TDS
Density	1510 kg/m ³
Boiling Point	N/A
Melting Point	300°C
Flash Point	None
Solubility	0.0017g/100ml

3. Applications

• PET polyester production • Dye intermediate • Chemical synthesis

4. Industries Served

Polymer, Chemical, Research

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.