

Specifications for Purified Terephthalic acid (PTA)

Parameter	Value
Molecular Formula	C ₈ H ₆ O ₄
Mol Wt	166.13
CAS #	[100-21-0]
Description	White Crystalline Powder
Purity (%)	99 min
Colour (Y)	10max
Acid Number (mg of KOH/gm)	675 ± 5
Impurity Profile	
4-Carboxybenzaldehyde	Report
p-toluic acid	Report
Benzoic acid	Report
Moisture	0.2 max

Uses

Industry	Application
Textile	MFR of polyester and polyester yarn ; MFR of polyester staple fibre
Optical fibre	Mfr of polyester fibre yarn
Packaging	Mfr of PET films and sheets
Entertainment	Mfr of PET-based audio and video films
Cosmetics	Mfr of sun-control films based on PET
Polymer	PET- as resin for carbonated drink bottles Engineering plastics
Coatings	Mfr of UPR resins