



PRODUCT SPECIFICATION

Product: Dimethyl Terephthalate (DMT)

CAS No: 120-61-6

Molecular Formula: C₁₀H₁₀O₄

Item	Specification	Typical
Color (molten) ASTM Pt-Co	25 max	10
Color stability, 4 hours @ 175 °C (347°F)	25 max	10
Aldehyde ester, ppm	30 max	15
Acid number	0.03 max	0.01

Typical Properties	
Molecular weight	194.18
Vapor Pressure, mmHg	
@ 150°C (302°F)	13
@ 200°C (392°F)	84
@ 250°C (482°F)	360
@ 300°C (572°F)	760
Freezing point (pure air), °C	140.648
Bulk density (pellets), lbs/ft ³	47
Bulk density (molten) @ 150°C (302°F), lbs/gal	8.9
Viscosity @ 150°C (302°F), cp	0.8
Specific heat @ 150°C (302°F), cal/g/°C	0.46
Heat of fusion, cal/g	38.5
Purity, weight %	99.9
Iron, ppm	0.3
Ash, ppm	<1