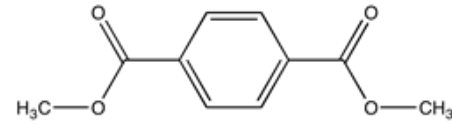


## Dimethyl terephthalate, EssentQ®

## Identification

C<sub>10</sub>H<sub>10</sub>O<sub>4</sub>  
M = 194,19 g/mol  
CAS [120-61-6]  
EC number: 204-411-8  
Tanic code: 2917 37 00



## Synonyms

DMT, Terephthalic acid dimethyl ester, Dimethyl-1,4-benzenedicarboxylate

## Applications

synthesis of organic products (herbicide), analytical chemistry, manufacture of adhesives, painting, manufacturing of inks, in the textile industry, manufacturing of synthetic resins.

## Specifications

assay (G.C.).....min. 99 %

identity (IR-spectrum).....passes test

## Physical data

- Spec. Density: 1,35 g/cm<sup>3</sup>
- Bulk density: 500 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 0,036 g/l
- Melting point: 139 - 141 °C
- Boiling point: 282 °C
- Flash point: 141 °C
- Ignition temperature: 520 °C
- Vapour pressure: (20 °C) < 1 hPa

## Transport/storage

- 10°C - 30°C