

Identification

$C_5H_{12}O_4$
M = 136,15 g/mol
CAS [115-77-5]
EC number: 204-104-9
Taric code: 2905 42 00

**Synonyms**

2,2-Bis(hydroxymethyl)-1,3-propanediol

Applications

synthesis of organic products, manufacturing of synthetic resins, painting.

Specifications

assay (DSC).....min. 98 %

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

Physical data

- Bulk density: 500 - 600 kg/m³
- Solub. in water: (20 °C): 70 g/l
- Melting point: 256 - 258 °C
- Boiling point: (40 hPa) 276 °C
- Flash point: > 150 °C
- Ignition temperature: 490 °C
- pH(100 g/l H₂O, 35 °C) 3,5 - 4,5

Transport/storage

- 10°C - 30°C