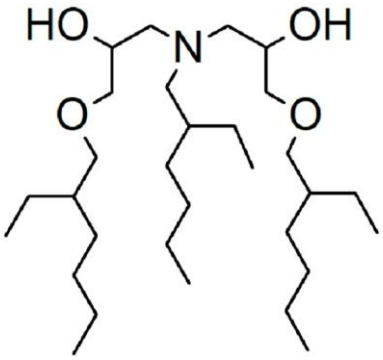
Branched Alkyl Comb-shaped Diol BACD

- Comb-shaped diol with three C8 branched alkyl groups and tertiary amine
- Unique monomer for polyester or polyurethane
  - -to improve dissolubility, transparency or flexibility of the polymer.
  - -to control rheologic properties: viscosity and thixotropy.

General Information



Chemical Name	N,N-DI-(3-(2-Ethylhexyloxy)-2 -Hydroxypropyl)-2-Ethylhexylamine
CAS	252868-33-0
Molecular Weight	501.8
Melting Point	290 °C
Physical Form	Liquid （colorless – pale yellow）
Viscosity	160 mPa・s （25°C）
Refractive index	1.46
Purity	＞ 98 %

Properties

Viscosity [mPa・s]

0°C	1425
25°C	160
60°C	21.5

Solvent Solubility

Dissolving solvents for BACD:
Methanol, Ethanol, Ethyl acetate, MEK, THF, PGMEA, Toluene, Hexane, DMF, NMP

Mixed BACD with each solvent at a ratio of 1 to 1.

Contact information

Japan Material Technologies Corporation
2-3-4 Nihonbashi-Honcho, Chuo-ku Tokyo
www.jmtc.co.jp/en/