

SpeedCure EDB

Feb-2022 v.10

Technical Data Sheet

General Information

SpeedCure EDB is an amine synergist of the aminobenzoate family. SpeedCure EDB generates active species when used at 2-8 wt% in combination with Norrish Type II photoinitiators and reduces oxygen inhibition in UV and LED curable formulations.

Chemical Name

Ethyl 4-(dimethylamino)benzoate

CAS Number

10287-53-3

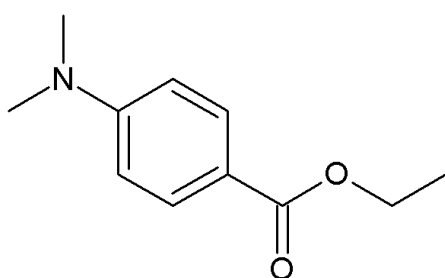
EC Number

233-634-3

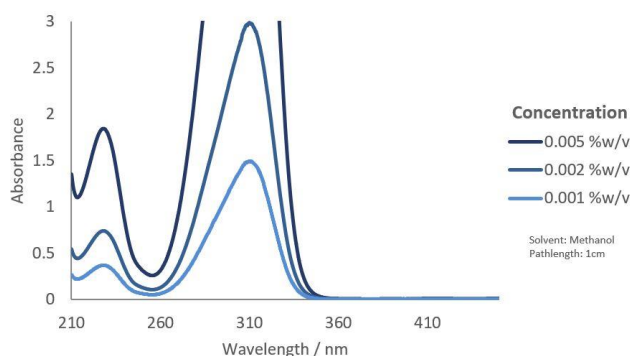
Mol. Wt.

193.2

Structure



UV Spectrum



Specification (LAM 182)

Appearance :

White to off-white solid

Purity (GC) :

≥ 98.0 %area

Melting Range :

62.0 - 68.0 °C

Water Content (Karl Fischer) :

≤ 0.2 %w/w

Applications

- Pigmented systems
- LED curing
- Electronics
- Adhesives

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) HAZARDOUS
Class 9 Packing Group III UN 3077

Global Inventories

REACH, EINECS, TSCA, DSL, AICS, IECSC, ISHL, CSCL, ECL, PICCS, TSCI

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