

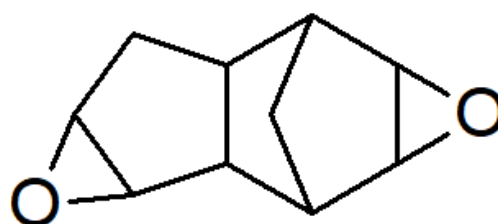
Alicyclic Epoxy DCPD-DE (Low Chlorine content)

- ◆ Alicyclic epoxy material containing low chlorine
- ◆ Expect to improve heat-resistance, strength, electrical properties with the addition of this material
- ◆ Achieved mass-production with our original synthetic method

PRODUCT OVERVIEW

JMTC's DCPD-DE, dicyclopentadiene diepoxide, is an alicyclic epoxy containing low chlorine (<10 ppm). With our original synthetic method, we have achieved the mass production of DCPD-DE.

This product has an alicyclic structure featuring high heat-resistance, low dielectric constant and high strength.

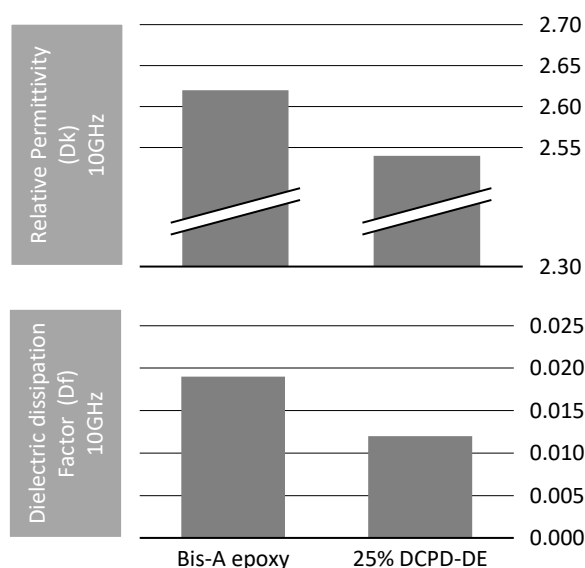


PROPERTIES

CAS No.	81-21-0
Chemical Name	Dicyclopentadiene diepoxide
Molecular Formula	$C_{10}H_{12}O_2$
Molecular Weight	164.20
Melting Point	185~189°C
Chlorine Content	< 10ppm
Appearance	Powder

Electrical properties

DCPD-DE can reduce relative permittivity, Dk and dielectric dissipation factor, Df of general epoxy resins.



Curing agent: acid anhydride (MH-700, New Japan Chemical Co., Ltd.)

Contact information