


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC TH 7211
Description

Epotec TH 7211 is a low viscosity modified aliphatic polyamine curing agent for use with liquid epoxy resins. It provides systems with long working time. Epotec TH 7211 shows excellent resistance to carbonation and gives coatings and floorings with excellent gloss, clarity and toughness.

Applications

- High solids and solvent free coatings
- Adhesives
- Floor toppings

Specification

Appearance	Visual	Clear, light yellow liquid
Colour	ASTM D 1544-04	2 G max.
Viscosity* @25°C	ASTM D 2196-05	35 – 80 cP
Pot life# @25 °C	TEC-AS-P-111	80 – 120 min

* Brookfield viscometer

with epotec YD 128

Typical properties *

Odour	---	Amine
Density @25°C	ASTM D 1475-98	0.95 g/cc
Amine value	DIN 16945	300 – 330 mg KOH/g
AHEW	---	~ 76
PHR with epotec YD 128 (EEW ~ 190 g/eq)	---	40 wt. %
Flash point	ASTM D 93	106°C
Thin film set time		9 – 12 hr
Glass transition temperature	DIN 11357	48°C
Tensile strength	ASTM D 638-86	750 kg/cm ²
Flexural strength	ASTM D 638-86	950 kg/cm ²
Compressive strength	ASTM D 695-85	680 kg/cm ²

* = Typical properties are indicated for information only

Packing

Epotec TH 7211 is packed and delivered in plastic drums, 200 kg per drum as a standard pack.
Other pack sizes are available on request.

Storage

Epotec TH 7211 should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product epotec TH 7211 may absorb moisture which may result in viscosity increase, frothing and white carbonation product deposition. In such case it may affect the finished product performance. When stored in tightly closed container this product has a storage life of at least one year from the date of manufacturing.

Handling

Do not mix with epoxy resin until just prior to use since reacts chemically at room temperature. Avoid contact with skin, eyes etc. Please refer to the MSDS of the product for more instructions on safe storage and handling of epotec TH 7211.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

For Additional Information, Please Contact:

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