



Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)

**EPOTEC TH 7222 N****Description**

EPOTEC TH 7222 N is a low viscosity modified amine curing agent. When used with epoxy resin it gives hard, glossy surface.

**Applications**

- High solid/low VOC solvent free coatings
- Adhesives
- Decorative floorings

**Advantages**

- Provide surface with high good gloss
- Solvent free

**Typical properties**

Property	Test method	Unit	Specification
Appearance	Visual	-	Clear, brown yellow liquid
Color	ASTM-D-1544 (89) TEC-AS-P-006	Gardner	Max. 8.0
Viscosity* @ 25 °C	JIS-K-7233 (86)	cPs	450 - 700

\* Brookfield viscosity

**Typical application properties** - with Standard Bisphenol A epoxy resin EPOTEC YD 128, EEW = 186 g/eq

Property	Test method	Unit	Specification
Mixing ratio	-	By Weight	100 : 60
Gel time (150 gram mix) @ 25 °C	Techne GT-3 Gelation timer	Minutes	20 - 35
Thin film set time @ 25 °C	-	Hours	3 - 5

**Typical performance properties\***

Property	Test method	Unit	Specification
Tensile strength	ASTM-D-638 (86)	Kg/cm <sup>2</sup>	500 - 600
Tensile elongation	ASTM-D-638 (86)	%	1 - 2
Flexural strength	ASTM-D-790 (86)	Kg/cm <sup>2</sup>	850 - 1,050
Hardness	ASTM-D-2240 (86)	Shore D	60 - 65
Compressive strength	ASTM-D-695 (85)	Kg/cm <sup>2</sup>	700 - 850

\*Sample cured with standard Bisphenol epoxy resin EPOTEC YD 128, (EEW = 186 g/eq) @ 25 °C for 7 days.

**Packing**

EPOTEC TH 7222 N is packed and deliver in 200 lit drums.

**Storage**

Storage life of EPOTEC TH 7222 N is at least 12 months from the date of manufacture when kept in original sealed container. It is advised to store the material in good ventilated cool place away from sources of heat, ignition, direct sunlight and humidity. It is also advised to use protective glove and masks while handling the material.

**Handing**

For more detail on handing and storages please refer to the MSDS of EPOTEC TH 7222 N.

**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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