



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

EPOTEC TH 7202**Description**

EPOTEC TH 7202 is a modified aliphatic amine curing agent. It has low viscosity and cure rapidly at room temperature.

Applications

- Grouts
- Adhesive for fixing road reflectors
- Gel coats
- Accelerator for other hardeners

Advantages

- Low viscosity
- Fast reactivity
- Provide high strength
- Good resistance to chemicals

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Light yellow liquid
Color	ASTM-D-1544 (89) TEC-AS-P-006	Gardner	Max. 3.0
Amine value	TEC-AS-C-058	mgKOH/g	1,050 - 1,080
Viscosity* @ 25 °C	JIS-K-7233 (86)	cP	80 - 130

* Brookfield viscosity

Typical application properties - with standard Bisphenol A epoxy resin EPOTEC YD 128, EEW = 190 g/eq

Property	Test method	Unit	Specification
Mixing ratio	-	By Weight	100 : 15
Mixed viscosity* @ 25 °C	JIS-K-7233 (86)	cPs	4,500 - 4,800
Gel time (150 gm mix) @ 25 °C	Techne GT-3 Gelation timer	Minutes	10 - 16
Thin film set time @ 25 °C	-	Hours	2 - 3

* Brookfield viscosity

Typical performance properties*

Property	Test method	Unit	Specification
Glass transition temperature	ASTM-D-3418 (82)	°C	min 50
Tensile strength	ASTM-D-638 (86)	Kg/cm ²	400 - 450
Tensile elongation	ASTM-D-638 (86)	%	1 - 2
Flexural strength	ASTM-D-790 (86)	Kg/cm ²	1,000 - 1,100
Compressive strength @ yield	ASTM-D-695 (85)	Kg/cm ²	950 - 1,050
Hardness	ASTM-D-2240 (86)	Shore D	80 - 82

*Sample cured with standard Bisphenol-A epoxy resin EPOTEC YD 128, (EEW = 190 g/eq) at 25°C (77°F) for 7 days.

Packing

Epotec TH 7202 is packed and delivered in 200 lit drums.

Storage

Epotec TH 7202 should be stored in original sealed container in good ventilated, dry and cool place away from sources of heat, ignition, moisture and direct sunlight. When stored under these conditions epotec TH 7202 has a shelf life of at least 12 months from the date of manufacturing.

Handling

Please refer to the MSDS for safe handling of epotec TH 7202.

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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