



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

EPOTEC YD 903 F

Description

EPOTEC YD 903 F is a modified solid epoxy resin containing flow modifier. The flow modifier is added to help the power coating formulator distribute the flow additive evenly thereby improving leveling and reducing unwanted orange peel. When using this resin as a binder no extra flow additive is required in the formulation.

Applications

- Master batch
- Powder coating

Typical properties

Property	Test method	Unit	Specification
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	750 - 800
Viscosity* @ 25 °C	ASTM D-1545 (89)	G - H	O - T
Color*	ASTM D-1544 (89) TEC-AS-P-006	Gardner	Opaque
Softening point	JIS K 7234 (86) ASTM E 28-67 (82)	°C	88 - 98
Melt viscosity @ 150 °C	ASTM D 4287 (88)	cps	4,000 - 5,000

* 40% Solution in Butyl Carbitol

Packing

EPOTEC YD 903F is packed in opaque PE bags weighing 25 kg net each.

Storage

EPOTEC YD 903F resin should be stored in dry and cool condition away from sources of heat and ignition in original sealed bags. Under these conditions, it has a storage life of at least one year. Acute toxicity and skin irritation of EPOTEC YD 903F resin is of very low order,

Handling

Please refer to MSDS for safe handling of EPOTEC YD 903 F.

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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