

EPOTEC YD 903 H

Description

EPOTEC YD 903 H is an unmodified standard medium molecular weight solid epoxy resin.

Typical uses

EPOTEC YD 903 H is mainly used for both pure epoxy and polyester-epoxy hybrid powder coatings. Because of the pendant hydroxyl groups along the chain of the epoxy molecule this resin is also suitable for producing epoxy esters.

Typical properties

Property	Test method	Unit	Specification
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	G/eq	800 - 900
Viscosity* @ 25 °c (Gardner holdt)	ASTM D-1545 (89)	-	P - V
Color*	ASTM D-1544 (89) TEC-AS-P-006	Gardner	MAX. 0.5
Softening point	JIS K 7234 (86) ASTM E 28-67 (82)	°C	92 - 102
Melt viscosity @ 150 °c	ASTM D-4287 (88)	cPs	40 - 70

* 40% Solution in Butyl Carbitol

Packing

EPOTEC YD 903 H is packed and delivered in opaque PE bags weighing 25 kg. net each.

Storage

EPOTEC YD 903 H resin should be stored in dry condition and kept away from sources of heat. Under these conditions, it has a storage life of at least one year. Acute toxicity and skin irritation of EPOTEC YD 912 resin is of very low order. However it is advised to use personnel protective equipment to avoid inhalation of dust. It is advisable to take precaution against static electric hazards when emptying bags.

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.

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