

EPOTEC YD 927

Description

EPOTEC YD 927 is a solid epoxy resin, modified with calculated amount of polyacrylate flow additive.

Typical uses

EPOTEC YD 927 is used in powder coating formulations for pure epoxy and hybrid epoxy powder coatings as a co-epoxy resin where the surface finish / smoothness is of utmost importance. EPOTEC YD 927 is especially used to improve the cross contamination tolerance during change over from pure polyester to hybrid epoxy or pure epoxy chemistry. In the formulation the main epoxy resin is replaced @ 20 - 30 % by weight to give the improved cross contamination tolerance.

Typical property

| Property | Test method | Unit | Specification |
|-------------------------|--------------------------------------|---------|------------------|
| Epoxy equivalent weight | DIN 16945/4.15B (89) TEC-AS-C-002 | g/eq | 735 - 800 |
| Color* | ASTM D-1544 (89) TEC-AS-P-006 | Gardner | MAX. 1 (Milky) |
| Softening point | ASTM E 28-67 (82) | °C | 75 - 90 |
| Melt viscosity @ 150°C | ASTM D-4287 (88) | cPs | 1,000 - 3,500 |

*40% solution in Butyl Carbitol

Packing

EPOTEC YD 927 is packed & delivered in opaque PE bags weighing 25 kgs net each.

Storage and handling

EPOTEC YD 927 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 927 resin is of very low order. However it is advised to use personnel protective equipment to avoid inhalation of dust. It is advised 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.

For additional information:

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