



POLYAMIDE RESIN BASED ON DIMERIZED FATTY ACID AND POLYAMINES

DESCRIPTION :-

EPOXILITE EH - 160 is a low viscosity, reactive polyamide-based resin solution designed for use with solid or liquid epoxy resins to provide tough, chemical-resistant thermo set coating applications that cure at room temperature.

Advantages :-

- Low viscosity
- Combination of hardness and flexibility
- Excellent chemical and Solvent resistance
- Work at low humidity.

Applications :-

- Chemical resistance flooring And coating.
- Solvent less surface coatings.
- Adhesive and Lamination.
- High solid enamel paint formulations.

Specification Data : Hardener EH - 160

Properties	Unit	Typical Value
Appearance	Visual	Amber Liquid
Color	Gardener	14 max.
Mixing Ratio (EEW = 190)	By weight	50
	By Volume	2:1
Viscosity @25 ^o C	cPs	800-1250
Pot Life @ 20 ^o C	min	50 - 75

Typical Prosperities :- Hardener EH - 160

Properties	Unit	Typical Value
Odour	--	Amine
Specific Gravity	g/cm ²	0.9 - 1.05
Amine Value	KOH/g	380 - 425
Flash Point	C ⁰	150
Thin film set time	hours	2-3

Typical properties are indicated for information only

Additional information Chemical resistance with of epoxy resins

Water	Very Good	Methylene Chloride	Fair
Ammonia	Very Good	Phosphoric (10%)	Very Good
Cutting Oil	Very Good	Sodium Chloride Brine	Very Good
Gasoline (Unleaded)	Very Good	Sodium Hydroxide	Very Good
Hydrochloric	Very Good	Sulfuric (20%)	Very Good
Kerosene	Very Good	50% Sodium hydroxide	Good
Methanol	Very Good	Trisodium Phosphate	Very Good
Methyl Ethyl Ketone	Very Good	Xylene	Fair
5% Lactic acid	Very Good	10% Acetic acid	Fair

Packing :- EPOXILITE EH - 160 is packed and delivered in plastic drums, 35 kg per drum as a standard pack.

Other pack sizes are available on request.

Storage :- EPOXILITE EH - 160 should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product EPOXILITE EH - 160 may absorb moisture which may result in viscosity increase, frothing and dark carbonation product deposition. In such case it may affect the appearance of final coating/floor maintains. When stored in tightly closed container this product has a storage life of at least one year from the date of manufacturing.

Handling :- Do not mix with epoxy resin until just prior to use since reacts chemically at room temperature. Avoid contact with skin, eyes etc. Please refer to the MSDS of the product for more instructions on safe storage and handling of EPOXILITE EH - 160.

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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