

HiRENOL[®] PL-500

High Performance Epoxy Modifier

General Description

- Low viscosity, Low volatile extender for Epoxy, Polyurethane and Acrylic
- Act as a Plasticizer, Pot-Life controller, Diluent, Modifier
- Good Color and Excellent UV-resistance
- Wide process window ; Non-toxic, Good Compatibility, Storage Stability
- Excellent Performance in Adhesion, Hardness, Water Resistance, Gloss, Toughness, Exduation, Shrinkage, Self-leveling, Trowelability,
- High Hydroxyl Content, Short Drying Time

Properties

Items	Specification	Comment
Appearance	Transparent	Eye Test
% Non-Volatile	96 Min.	105°C X 2g X 1HR
Viscosity (cps, 25°C)	400 - 1400	Brookfield Viscometer
SpGr (25°C)	1.06 - 1.10	Typically 1.07-1.09
Color (Ga. #)	Max. 5	Typically 1-2
Hydroxyl Content	Check	Typically 6.5-7.5wt%
Acid Value (mg KOH/g)	Check	Typically Max. 0.5

Application

- Coating ; Heavy Duty, Ship Building for steel protection
- Flooring ; Self-leveling floorings, Epoxy mortar
- Wire Enamel, Priming Coats, Injections, Joint and castings, Sealants, etc...

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