

HiRENOL[®] PL-400

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,

Properties

Items	Specification	Comment
Appearance	Transparent	Eye Test
% Non-Volatile	96 Min.	105°C X 2g X 1HR
Viscosity (cps, 25°C)	400 - 550	Brookfield Viscometer
SpGr (25°C)	1.00 – 1.04	Typically 1.02-1.04
Color (Ga. #)	2 Max.	Typically 1
Hydroxyl Content	Check	Typically 2.1wt%
Acid Value (mg KOH/g)	0.5 Max.	Typically 0.3

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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