Product code: 479376

ADDITIVE EP024

Epoxy-phosphate Ester for Waterborne Systems

Specification:

Property	Range	Method / According to standard
Non-volatile matter	72 - 74%	MH1155 / ISO 3251
Acid value on solid resin	40 - 50 mg KOH/g	MH1051 / ISO 2114
Viscosity, 23 ºC	5000 - 8000 mPa·s	MH1007 / ISO 3219
Colour	max. 3 Gardner	MH1124 / ISO 4630

Typical properties:

Property	Value
Solvent ratio	Water / Butylglycol / DMEA = 1 / 8 / 1
Density	1.0 kg/L
Flash point	73 °C

Compatibility:

Additive EP024 is compatible with water soluble alkyd resins and saturated polyester resins.

Applications:

- Additive EP024 is used as additive for waterborne stoving enamels.
- It improves humidity and corrosion resistance, adhesion, chemical resistance, stain resistance and pasteurisation resistance. In many cases, a better cure response will be obtained.
- 5 - 15% of additive (calculated on total resin solids) is recommended to be added during the final stages of paint making. The specific amount of additive required will vary depending on the type of water-soluble resin and the nature of the substrate.

Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures below 35 °C, for up to 24 months. Exposure to direct sunlight should be avoided.