



HE4228

Product Data Sheet

HE4228 is a standard bisphenol A epoxy acrylate resin containing 20% TPGDA.

Characteristics

HE4228 is a standard bisphenol A epoxy acrylate resin containing 20% TPGDA. It has the characteristics of high gloss, high hardness, fast curing speed, etc. It is one of the most widely used basic resins in the UV field, mainly used in various UV coating fields such as electroplating base and plastic coatings, inks, printing, etc.

Delivery form

containing 20% TPGDA;

Product parameters

Functional base (theoretical): 2

Viscosity (25°C, NDJ rotational viscometer): 20000-50000 mPa.s

Color number (Gardner): ≤ 1

Acid value: ≤ 4 mgKOH/g

Appearance: colorless or yellowish clear liquid

Principal properties

Fast curing speed;

High hardness and wear resistance;

Good chemical resistance and thermal stability;

Good leveling and glossiness;

Good water resistance.

Applications

Mainly used in plastic coatings, vacuum plating base and top coatings, wood coatings, and paper coatings.

Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature no more than 30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 120 days after production.

For more than 120 days, the goods are still owned by ZOHO Company, the company's QC can make the corresponding extension of the shelf life after testing qualified.

Material safety

This product data sheet only applies to the latest version of Material Safety Data Sheet. Any updates to safety-related information that are consistent with legal requirements will only be reflected in the safety data sheet, at the same time the Sheet will be updated and published. Information on current classification and labelling, application and process methods, and more safety-related data can be found in the latest Material Safety Data Sheet.