

Product Manual (TDS)

THEICTA

Tris(2-hydroxyethyl)isocyanurate triacrylate

Product introduction

THEICTA is a triple functionality acrylate monomer, with characteristic of good adhesion, weather resistance, good hardness and chemical resistance etc. It's mainly used in 3D printing, UV coating, UV ink etc, supply good abrasion resistance and heat resistance.

Product characteristics

Functional	3	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.15
Appearance (25°C)	White crystalline solid	Shrinkage(%)	-
Viscosity (cps at 25°C)	300~400	Refractive Index(nd at 25°C)	1.46
Acid Value (mg KOH/g)	≤0.5		

- Good chemical resistance
- Good weather resistance
- Good hardness

Application

1. UV Ink, paint.
2. 3D printing.

Packaging

- In 20 kg plastic drums
- In 200 kg metal drums

Storage

- Store in a properly sealed container, away from sunlight and heat;
- At normal room temperature storage conditions, the product storage stability of at least 6 months;
- Low temperature or long-term storage, this product may form a false plastic layer;
- This rheological change can be restored by stirring or slight heating (maximum temperature 45°C);

It is especially suggested that the above data and suggestions are based on experimental data, but due to the uselessness of users, we can not provide any guarantee for the integrity and accuracy of the information.

We recommend that customers choose our products and adopt them. Determine their applicability before making our recommendations.

