

# Technical Data Of HEMA

**Manufacture Name:** AnHui Renxin Environmental Protection Materials Co.,Ltd.

**Product Name:** 2-Hydroxyethyl Methacrylate(2-HEMA)

Item	Specification
Appearance	Clear,Transparent Liquid
Colour(APHA, max)	$\leq 20$
HEMA Content(% , min)	$\geq 97$
Water Content(% , w/w, max)	$\leq 0.15$
Inhibitor Content(MEHQ, ppm)	200-220
Residual Acid (as MAA, % , max)	$\leq 0.2$

**Molecular weight:** 130.15

## Physical Characteristics:

colorless transparent liquid, easy to polymerize, boiling point: 95℃ (1333.22Pa) , soluble with water, alcohol, ether and other organic solvents.

## Usage:

The product is mainly employed to fabricate thermosetting coatings, fiber-treating agent, photo sensitive resin, adhesive and medical macromolecular materials, etc.

## Cautions for transportation and usage:

1. Avoid exposing in sunshine, covered with insulated materials when stored outdoor.
2. Avoid entry of water for it can accelerate polymerization.
3. Storage period: half an year under common temperature
4. Avoid collision when transported, leakage should be swilled out with water.
5. Corrosive to skin and mucosa, wash with water after touch

## Package:

200kg iron-plastic drum or plastic drum.