

Methacrylic Acid Copolymer E-30D

Gastric coating polymer – aqueous dispersion

Product Description

Methacrylic Acid Copolymer E-30D (Eudragit E30D equivalent) is an aqueous coating dispersion that forms gastric-soluble films for taste masking and moisture protection.

Certificate of Analysis

HSN Code: 3906.90

CAS Number: 25212-88-8

Classification: Pharmaceutical Coating Polymer

Parameter	Specification	Test Method
Appearance	Milky white aqueous dispersion	Visual
Solid Content	29.0–31.0%	Gravimetric
pH	3.5–5.0	USP <791>
Viscosity	"d 2 0 0 m P a s	Brookfield
Amine Value (dry polymer)	"d 9 0 m g H C l / g	Titration
Mean Particle Size	"d 0 . 5 ¼ m	Photon correlation spectroscopy

Physical Properties

Appearance: Milky white aqueous dispersion

Molecular Formula: Butyl methacrylate–dimethylaminoethyl methacrylate–methyl methacrylate copolymer

Molecular Weight: Approx. 150,000 g/mol

Solubility: Aqueous dispersion; dry polymer soluble at pH <5

Melting Point: N/A (dispersion); Tg of dry film approx. 50°C

Packing: 25 kg HDPE drums; 200 kg HDPE drums

Storage: Store in a cool, dry place. Protect from freezing. Temperature: 5–25°C.

Safety & Handling

PPE: Gloves, safety goggles, lab coat

Hazards:

- Mildly irritating to eyes
- Do not freeze