

Methacrylic Acid Copolymer L-100

Enteric coating polymer – dry powder

Product Description

Methacrylic Acid Copolymer L-100 (Eudragit L100 equivalent) is a dry powder enteric coating polymer dissolving above pH 6, used for delayed release formulations. Available to NF/EP standards.

Certificate of Analysis

HSN Code: 3906.90

CAS Number: 25086-15-1

Classification: Pharmaceutical Coating Polymers

Parameter	Specification	Test Method
Appearance	White free-flowing powder	Visual
Loss on Drying	"d 5 . 0 %	USP <731>
Acid Value	310–360 mg KOH/g	Titration
Viscosity (10% MEA/IPA solution)	3–6 mPas	Capillary viscometer
Residue on Ignition	"d 0 . 1 %	USP <281>
Heavy Metals	"d 2 0 p p m	USP <231>

Physical Properties

Appearance: White free-flowing powder

Molecular Formula: Methacrylic acid–methyl methacrylate copolymer (1:1)

Molecular Weight: Approx. 135,000 g/mol

Solubility: Soluble at pH >6; insoluble at pH <6

Melting Point: Tg approx. 160°C

Packing: 25 kg HDPE bags / fibre drums with inner polyethylene liner

Storage: Store in a cool, dry place away from moisture. Temperature: below 25°C.

Safety & Handling

PPE: Gloves, safety goggles, dust mask, lab coat

Hazards:

- Dust may cause mild respiratory irritation
- Irritating to eyes