EASTMAN

Technical Data Sheet

Eastman™ C-A-P Cellulose Ester NF (Powder)

Applications

- Pharmaceutical excipients

Product Description

Eastman™ C-A-P (Cellulose Acetate Phthalate, NF) enteric coating material is a pH-sensitive cellulose derivative designed for coating pharmaceutical tablets, capsules or granules. It may also be used as a matrix material in solid dose forms. C-A-P enteric coating material withstands prolonged contact with acidic gastric fluids, but it dissolves readily in the mildly acidic to neutral environment of the small intestine. It can be applied to tablets, capsules or granules from solutions of organic solvents. C-A-P meets USP and NF specifications and is available in powder and pellet form.

Typical Properties

Property	Typical Value, Units
General	
Form	White powder
Composition	
Acetyl	21.5-26 %
Free Acid as Phthalic Acid	3.0 wt % max.
Moisture	5.0 wt % max.
Phthalyl	30-36 %
Viscosity[a]	
@ 25°C	45-90 cP

[a]*Centipoise, 15% C-A-P in an acetone solution (68 cP = 80.5 centistokes).*

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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