EASTMAN

Product Data Sheet

Eastman Cellulose Acetate Propionate (CAP-504-0.2)

Application / Uses

- Nail care
- Printing Inks

Product Description

Eastman Cellulose Acetate Propionate (CAP-504-0.2) is a free-flowing powder having low odor, low color, and high hydroxyl content. It is fast dissolving, has good water tolerance and resistance to souring, and is compatible with many ink resins and solvents. It has good resistance to discoloration from UV light and has good adhesion to plastics. It has a low viscosity (0.2 seconds) and has an approximate propionyl content of 42.5 wt%.

Typical Properties

Property	Typical Value, Units
Acetyl Content	0.6 wt %
Propionyl Content	42.5 wt %
Hydroxyl Content	5 wt %
Melting Point	188-210°C
Viscosity [a]	0.76 poise
Glass Transition Temperature (T_g)	159°C
Tukon Hardness	20 Knoops
Wt/Vol	1.26 kg/L (10.53 lb/gal)

[a] *Viscosity determined by ASTM Method D 1343. Results converted to poises (ASTM Method D 1343) using the solution density for Formula A as stated in ASTM Method D 817 (20% Cellulose ester, 72% acetone, 8% ethyl alcohol).*

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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