

DESCRIPTION

Ancatherm 592 thermoplastic polyamide is a hot melt resin that can be used in the printing ink, gravure ink for the flexible packaging industry.

Ancatherm 592 thermoplastic resin is a co-solvent polyamide resin and allows for fast solvent release for rapid lacquer dry systems.

ADVANTAGES

- Pellet form for ease of solution
- Low initial colour
- Low melt and softening point
- Good water and chemical resistance

APPLICATIONS

- Resin binder for gravure printing inks upon plastic packaging films
- Flexographic films
- Powder coating system

SHELF LIFE

At least 12 months from the date of manufacture in the original sealed container in a cool and dry place.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancatherm 592 thermoplastic polyamide.

TYPICAL PROPERTIES

Appearance	Amber pellets
Color (Gardner)¹	max. 4
Softening Point²	110 – 116°C
Melt Viscosity 160°C [Pa.s]³	0.25-0.35
Amine Value [mg KOH/g]⁴	max. 1.5
Acid Value [mg KOH/g]⁴	max. 6.0

Footnotes:

(1) ASTM D 1544-80

(2) Ring and ball according to DIN 52011

(3) Rotation viscometer, cone/plate system; cone 1,0°; D = 25/s

(4) Titration according to DIN 169455

Thermoplastic Polyamide Resins

ANCATHERM[®] 592 Thermoplastic Polyamide

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