

REPLAMIDE-301

TECHNICAL DATA SHEET

R-301 Non-Reactive Polyamide Resin

PRODUCT DETAILS

Type:

Co-solvent Type Non-Reactive Polyamide Resin

Clarity of Solid Resin:

Hazy

Viscosity @25°C on Brookfield:

(35% Soln in N-Butanol: Toluene: 1:1)

0.3 – 0.5 Poise

Viscosity in FCB4 in 50% Alcohol:

30-40 sec

Clarity of 35% Solution:

Hazy

Color on G-Scale (Of 35% :

Solution)

8 max

Softening Point (Ball & Ring):

105 – 120°C

Amine Value (Mgms KOH/Gm):

7 max

Acid Value. (Mgms KOH/Gm):

7 max

SUGGESTED USES

R-301 is a solid polyamide resin based on polymeric fatty acids and finds applications in Flexographic and Rotogravure inks used for printing flexible plastic films like Untreated polyethylene, polypropylene, polyester, coated cellophane, coated aluminum foil, paper boards, glassine, etc.

STORAGE

Storage stability of **R-301** at or below temperature 35°C packed in manufacturer's packing will withstand up to 12 months.

DILUTION

Soluble in n-Butanol, Iso- Butanol, n-Propanol, Cello solve or mixture of these solvent blends along with Aromatic solvents like Xylene/Toluene. Partially soluble in Iso-propanol, Aromatic solvent and insoluble in Ketones and Esters.