



## ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

For paints / inks / plastic / Rubber industries Raw material available with us under self import / Manufacturing / Trading.

### TECHNICAL INFORMATION :- Polymide Resin

#### POLYAMIDE RESIN

#### INTRODUCTION

Polyamides are the reaction products of multifunctional primary amines and polybasic acids.

Polymide-202 is a special grade of Polyamide (cosolvent having excellent tolerance to spirit and good resistance to deep freeze temperatures.

#### Application Area.

- ✓ For Flexo / Gravure inks
- ✓ For BOPP & Co extruded Polypropylene Film.
- ✓ Inks for all types of substrates.
- ✓ Ink has good tolerance to a wide variety of solvents e.g. n-propylacetate, Butyl Acetate.
- ✓ Ink with a broad range of press speed can be formulated (from 50 – 300 meters per minute).
- ✓ The treatment of the film should be to 38 dynes for better adhesion & Properties.

#### Properties:

Sr. No.	TEST	SPECIFICATION
1	Appearance	Light Yellow Particles
2	Odour in Coated Film ( visually)	Good
3	Acid value, mg of KOH/gm	5 Max
4	Amine value, mg of KOH/gm	5 Max
5	Softening point, °C ( Ball & Ring method)	110+/-5 °C
6	Viscosity FC No.4 (Resin 40% + Toluene 30% + 30 % IPA)	55 +/-5 Sec.

Regd Off: - Plot no 24 Block no .5, 1st floor, Behind Aurora cinema , opp Sahakari bhandar, Matunga (C.R) Mumbai – 400019

Administration /correspondence Office :- Plot No. 319,Room No.3, Ranchoddas Terrace building ,sir Bhalchandra Road, opp Hira House, Near Chhatre Maternity Hospital, Matunga (C.R) Mumbai – 400019 Tel :- +91 22 24148378 / 24146390

Mob :- MR NILESH MEHTA +91 9820142066 / +91 8850378208/+91 9029042066

Email Id :- [info@arihantchemcorp.com](mailto:info@arihantchemcorp.com), or [nilesh@arihantchemcorp.com](mailto:nilesh@arihantchemcorp.com) Continue page 2..



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### **TECHNICAL INFORMATION :- Polyimide Resin**

#### **Product Characteristics:**

- Stable Product
- Thermoplastic in nature.
- Nonirritant to skin
- Very low odour
- Excellent flexibility
- Excellent adhesion to substrates- Paper, Cloth, Metal Rubber Cellophane, Polyethylene and other plastics.
- Good pigment wetting.
- Excellent printability
- Resistance to oil & Water.
- This is a special grade with better compatibility with other resins like Ketonic, N.C, Epoxy etc. and solvents.

**PACKING** : 25 Kg. Paper bags with HDPE liner

**SHELF LIFE** : Recommended for use within Six month of date of manufacture

**STORAGE CONDITIONS :** Should be stored in a cool (room temp.) & dry place.

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This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. All sales are subject to our standard conditions of sale.

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