D.R.Coats Ink & Resins

MANUFACTURERS OF RAW MATERIALS FOR

PRINTING INKS

MANUFACTURER & EXPORTER OF SYNTHETIC RESINS

INDEX

01 ABOUT US

02
- NON REACTIVE POLYAMIDE
- ALCOHOL SOLUBLE POLYAMIDE
- CO SOLVENT SOLUBLE POLYMIDE

03
- KETONIC RESIN
- KETONE ALDEHYDE RESINS
- POLYURETHANE (PLASTICIZER/FILM FORMER)

04
- ADHESION PROMOTER
- POLYVINYL BUTLYRAL
- ROSIN MODIFIED MALEIC RESINS

05
- ROSIN MODIFIED PHENOLIC RESINS
- PURE PHENOLIC
- UV CURING RESINS

ABOUT US

D.R. Coats Ink & Resins Pvt. Ltd. (DRC) is a professionally managed company established in the year 2003 with the vision of becoming one of the leading manufacturers of Synthetic Resins catering to Coatings, Printing Inks & Adhesives.

Having started initially with an annual production of not more than 140 Tons, in a very short span of time we've been able to grow to an annual capacity of 35,000 Tons. Our impeccable and consistent quality, short turn around time and after sales service have been factors that have contributed to this exponential growth. Our production facilities situated at strategic locations in MIDC Maharashtra & GIDC Gujarat offer us efficiency in exporting our products.At DRC, we give utmost priority to maintaining the quality of our products.

Stringent Quality Assurance & Quality Control norms have helped us achieve the ISO 9001:2008 certification, we are also in the process of being certified with ISO 14001 & OHSAS 18001. To ensure top notch quality of our products, we source our Raw Materials from top manufacturers in the world leaders. Our raw materials are further extensively checked in our lab before being taken into production. Our Finished Goods undergo stringent tests to ensure consistent quality of products. Our high quality products have enabled us to export to more than 35 countries across 6 continents & our excellent performance in export has been acknowledged by the Government of India by awarding us with Star Export House status.

We have also been cited as an emerging leader in the field of Synthetic Resin by Economic Times, the leading business publication in India.

OUR AFFILIATIONS

- **ISSPA** (Indian Small Scale Paint Association)
- **IPA** (Indian Paint Association)
- **IRMA** (India Resin Manufacturers Association)
- **AIPMA** (All India Printing Ink Manufacturing Association)
- **Color Society & Paint India**

NON REACTIVE POLYAMIDE

Co-Solvent Polyamide

Product Name	Appearance	Color (Gardner)	Viscocity Sec (Ford Cup B/4)	Amine Value (Mg KOH/gm)	Acid Value (Mg KOH/gm)	Softening Point (°C)	Advantages
Dromide® 902	Amber Clear Granules	10 Max	100-120 (40% Resin, 60% Solvent Mixture [20% Toluene,30% Butanol, 50% IPA) @30°C]	6 Max	6 Max	105-115	Very High Viscosity, Suitable For Both Ink& Varnish
Dromide® 921	Amber Clear Granules	9 Max	20-30 (35% solution in n-Propanol) @30°C	7 Max	7 Max	115-125	Infinite Tolerance to IPA, High Viscosity
Dromide® 926	Amber Clear Granules	7 Max	50-65 (40%solution in Toluene: Butanol: IPA(1:1:1)@30°C)	7 Max	7 Max	105-115	General Purpose Application
Dromide® 927	Dark Amber Clear Granules	12 Max	80-120 (40% RESIN ,12% TOLUENE, 18% n- BUTANOL&30% IPA @25°C)	7 Max	7 Max	105-115	Cost Effective Variant of Dromide® 902
Dromide® 930	Amber Clear Granules	9 Max	50-65 (40% solution in Toluene: Butanol: IPA(1:1:1)@30°C)	7 Max	7 Max	105-115	Cost Effective Variant of Dromide® 926
Dromide® 932	Amber Clear Granules	9 Max	15-25 (40% solution in Toluene: Butanol: IPA(1:1:1)@30°C)	8 Max	8 Max	105-115	Low Viscosity, suitable For High Speed Machine
Dromide® 933	Amber Clear Granules	9 Max	25-35 (40% solution in Toluene: Butanol: IPA(1:1:1)@ 30°C)	7 Max	7 Max	115-125	Low Temperature Resistance
Dromide® 936	Amber Clear Granules	9 Max	30-40 (40% solution in Toluene: Butanol: IPA(1:1:1)@ 30°C)	4 Max	3 Max	125-135	High Softening, Excellent Solvent Release & Gloss
Dromide® 939	Amber Hazy Granules	12 Max	15-20 (40% solution in Toluene: Butanol: IPA (1:1:1)@ 30°C)	5 Max	12 Max	90-100	Suitable for Untreated Substrate, Excellent Tape, Rub & Scuff
Dromide® 940	Amber Clear Granules	7 Max	35-45 (40% in T:B:I(1:1:1)@ 30°C)	5 Max	4 Max	105-115	High Gloss, Low Viscosity, High Speed Machines
Dromide® 966	Amber Clear Granules	12 Max	15-20 (40% solution in Toluene: Butanol:IPA (1:1:1:) @ 30°c	5 Max	12 Max	90-100	Suitable for Untreated Substrate, Excellent Tape, Rub & Scuff
Dromide® 971	Amber Clear Granules	9 Max	25-35 (40% solution in Toluene: Butanol: IPA(1:1:1)@ 30°C)	7 Max	7 Max	105-115	For Odourless Application
Dromide® 992	Amber Clear Granules	7 Max	25-45 (40% solution in n-Propanol)@ 30°C)	6 Max	15 max	110-120	Suitable for **Toluene Free** Ink

Alcohol Soluble Polyamide

Product Name	Appearance	Color (Gardner)	Viscocity Sec (Ford Cup B/4)	Amine Value (Mg KOH/gm)	Acid Value (Mg KOH/gm)	Softening Point (°C)	Advantages
Dromide® 903	Amber Clear Granules	8 Max	25-35 (50% solution in Ethanol: IPA (60:40))@ 30°C	5 Max	5 Max	105-118	Ethyl Alcohol Solubility for High Speed Flexo and Gravure Inks.
Dromide® 919	Amber Clear Granules	9 Max	20-35 (30% Solution in n-Propanol)@ 30°C	8 Max	3 Max	130-145	Suitable for Toluene Free, Isocyanate Free Lamination Ink
Dromide® 950	Amber Clear Granules	9 Max	20-35 (30% Solution in n-Propanol)@ 30°C	6 Max	3 Max	112-121	Deep Freeze, Low Temp Resistance
Dromide® 956	Amber Clear Granules	9 Max	30-50 (35% solution in n- Propanol)@ 30°C	4 Max	3 Max	125-135	Deep Freeze, Low Temp Resistance High Heat Resistance
Dromide® 957	Amber Clear Granules	9 Max	15-30 (35% solution in n- Propanol)@ 30°C	7 Max	7 Max	110-120	Thaw Resistance, Water Resistance & Gloss
Dromide® 965	Amber Clear Granules	9 Max	25-35 (35% solution in n-Propanol)@ 30°C	7 Max	7 Max	110-120	Excellent Gel Resistance, Good Heat Resistance
Dromide® 958	Amber Hazy Granules	7 Max	25-35 (60% Solution in Ethanol) @ 30°C	3 Max	15 max	112-122	Ethyl Alcohol Solubility, Lactic Acid Resistance for Milk Pouches
Dromide® 968	Amber Hazy Granules	12 Max	15-20 (40% in IPA) @ 30°C	5 Max	15 Max	95-105	Suitable for Untreated Substrate, Excellent Tape, Rub & Scuff

KETONIC RESIN

Product Name	Appearance	Color (Gardner)	Viscosity @ 30°C (B) 50% Ethanol (Secs)	Hydroxyl Value (Mg KOH/gm)	Acid Value (Mg KOH/gm)	Melting Point (°C)	Advantages
Ketonic™ 9100	Star Bright Prill	2 Max	18-20	230-250	1 Max	85-95	Good Gloss
Ketonic™ 9105	Star Bright Prill	2 Max	18-22	180-220	0.2 Max	95-105	Excellent UV resistance, Excellent Gloss
Ketonic™ 9108	Star Bright Prill	2 Max	50-70	180-220	1 Max	135-145	Good Heat Resistance, Excellent Gloss, Excellent UV Resistance

KETONE ALDEHYDE RESINS

Product Name	Appearance	Color (Gardner)	Viscosity @ 30°C (B) 50% Ethanol (Secs)	Hydroxyl Value (Mg KOH/gm)	Acid Value (Mg KOH/gm)	Melting Point (°C)	Advantages
Drotone® 9123	Lumps	2 Max	18-22 sec	35-45	5 Max	95-105	Soluble In Combination Of Alcohol And Hydrocarbon Solvent
Drotone® 9124	Bright Pale yellow	2 Max	---------	70-90	2 Max	95-105	Soluble In Combination Of Alcohol And Hydrocarbon Solvent, Suitable For Universal Pigment Paste
Drotone® 9125	Star Bright Granules	2 Max	--------	300-320	1 Max	115-125	High OH Value, Suitable For Ball Point Ink and Universal Pigment Paste
Drotone® 9126	Lump	4 Max	-------	100-120	1 Max	125-135	Anti-Corrosive Property, Water Resistance Excellent Adhesion,

POLYURETHANE (Plasticizer / Film Former)

Product Name	Type	Appearance	Color (Gardner)	Viscocity @ 25° by BF cPs	Solvent	Acid Value (Mg KOH/gm)	Solid %	Application
Dropack® 5244	Aromatic Polyurethane	Clear Liquid	1 Max	1200-1600	Ethyl Acetate	3Max	72-78	General Purpose Grade for Flexo and Gravure Inks for Surface Printing
Dropack® 5245	Aromatic Polyurethane	Clear Liquid	1 Max	130-170	12% Ethyl Acetate / 35% Ethanol	2 Max	51-55	Semi Film Forming PU for Surface Printing and Lamination
Dropack® 5246	Aromatic Polyurethane	Clear Liquid	1 Max	1200-1600	Ethyl Acetate	1 Max	70-75	TDI Free Plasticizing PU for Surface Printing and Reverse Printing
Dropack® 5253	Aromatic Polyurethane	Clear to Slight Pale Liquid	2 Max	1200-1600	Isopropanol	1 Max	70-75	TDI Free Harder Version of Dropack ® 5244 in Isopropanol
Dropack® 5256	Semi Aliphatic Polyurethane	Clear Liquid	2 Max	2000-5500	Ethyl Acetate / Ethanol	2 Max	45-47	Free of NCO & O-Tin, GP for Lamination
Dropack® 5260	Aliphatic Polyurethane	Clear Liquid	1 Max	500-1500	N-Propanol / Ethyl Acetate	-	30-32	High Performance Film Forming PU suitable for Extrusion Lamination and Retort packaging application

ADHESION PROMOTER

Product Name	Type	Appearance	Color (Gardner)	Viscosity @ 25°C (cPs)	Solubility	Solid @120°C	Applications
Drobond® 550	Butyl Titanium Phosphate	Clear Liquid	1 Max	16-26	Miscible In Most Organic Solvent	48-52 %	Improves Adhesion of Printing Inks on various substrates
Drobond® 551	Acetyl Acetonate	Reddish Brown	7 Max	16-26	Miscible In Most Organic Solvent, Decomposed by water	73-77 %	Improves Adhesion of Printing Inks on various substrates

POLYVINYL BUTLYRAL

Product Name	Appearance	Color (Gardner)	Viscosity @ 30°C of 20% solution in IMS by (Ford Cup B-4) (Sec)	Acid Value (Mg KOH/gm)	Solid %	Applications
Drovin® B 18	White Fluffy Powder	-	75-85	1 Max	99-100	Paint, Printing Inks, Wash Primer, Lacquers & etc
Drovin® B 30	White Fluffy Powder	-	180-220	1 Max	99-100	Paint, Printing Inks, Wash Primer, Lacquers & etc
Drovin® B 60	White Fluffy Powder	-	60-70 (10% Solution)	1 Max	99-100	Paint, Printing Inks, Wash Primer, Lacquers & etc

ROSIN MODIFIED MALEIC RESINS

Product Name	Appearance	Color (Gardner)	Viscosity @ 30˚C (FORD CUP B4) 50% SOLUTION (SECS)	Melting Point (°C)	Tolerance of Solution	Acid Value (Mg KOH/gm)	Applications
Dromal® 2351	Dark Amber Granules	12 Max in Toluene	20-30 in Toluene	120-130	1:10 to MTO	25 Max	Printing Inks and Coating
Dromal® 2352	Dark Amber Granules	12 Max in Toluene	15-20 in Toluene	110-130	1:10 to MTO	30 Max	Printing Inks and Coating
Dromal® 2353	Dark Amber Granules	12 Max in IMS	20-30 in IMS	120-135	1: Infinity to IMS	145 Max	Printing Inks and Coating
Dromal® 2354	Dark Amber Granules	12 Max in IMS	20-30 in IMS	140-150	1:10 to IMS	230 Max	Printing Inks and Coating
Dromal® 2356	Dark Amber Granules	12 Max in Toluene	15-20 in Toluene	120-130	1:10 to MTO	30 Max	Printing Inks and Coating

ROSIN MODIFIED PHENOLIC RESIN

Product Name	Appearance	Colour (Gardener)	Reducer for Viscosity	Viscosity, FCB4@30°C,sec	Melting Point, degC,(Ball & Ring)	Acid value, mgKOH/gm	Applications
Dropol 2201	Dark amber Lumps	12 max	50 % in Toluene	15-25	120-130	25 max	Letterpress and Offset Inks, Liquid Inks having better solvent release and scratch - proofnes
Dropol 2232	Dark amber Lumps	12 max	40 % in Toluene	70-120	160-170	25 max	Sheet offset Inks , Web offset Inks , Packaging Inks
Dropol 2233	Dark amber Lumps	12 max	50 % in Toluene	50-70	150-160	25 max	Sheet offset Inks , Web offset Inks, Lithographic Inks and Gravure Printing Inks
Dropol 2234	Dark amber Lumps	12 max	40 % in Toluene	40-60	145-155	25 max	Webset (heatset coldset) offset inks, Sheet fed offset
Dropol 2235	Dark amber Lumps	12 max	50 % in Toluene	160-180	150-160	25 max	Sheet offset Inks , Web offset Inks
Dropol 2236	Dark amber Lumps	12 max	50 % in Toluene	90-120	150-160	25 max	Sheet offset Inks , Web offset Inks, Lithographic Inks and Gravure Printing Inks

PURE PHENOLIC

Product Name		Color (Gardner)	Viscocity @ 25° by BF cPs	Melting Point (°C)	Tolerance in IMS	Application
Dropol® 2251	Lump	4 Max	50-75	90-100	1: Infinity	Letter Press & Off Set Inks, Anticorrosive primers, Spar varnishes, Furniture finishes, Insulating varnish & quick drying varnishes.
Dropol® 2252	Lump	4 Max	20-35	65-75	1: Infinity	Flexo / gravure inks., Deep Freeze, Spirit varnishes, Aniline inks, Rust preventive lacquers, Road marking paints, Petrol resistant paints, Printing Inks, Adhesives based on neoprene

UV CURING RESINS

Product Name	Type	Appearance	Color (CGS)	Viscosity @ 25°c By (ford Cup B-4)	Acid Value (Mg KOH/gm)	Amine Value (Mg KOH/gm)	Applications
Drocrylate™ 6000	Difunctional Epoxy acrylate (compatible with monomers and oligomers)	Transparent Viscous liquid	1 Max	(40%in TPGDA) FB4 30°C -- 45-50 sec	2Max		Over print varnish, coatings for paper, plastic, glass, metal floor, optical glass, lithographic offset & screen inks, binder, rigid plast, etc.
Drocrylate™ 6001	TrimethylolPropane triacrylate (TMPTA)	Clear yellow liquid	2 Max	25-30 seconds	1 Max	------	Aliphatic Trifunctional Reactive Diluent in UV and Electron beam curable coatings and inks
Drocrylate™ 6002	Tripropylene Glycol Diacrylate (TPGDA)	Clear liquid	1 Max	30-50 cPs	1 Max		Application in ultraviolet/ electron beam cured ink & coating systems. Difunctional reactive diluent when good flexibility & low viscosity are required
Drocrylate™ 6003	Reactive amine co initiator	Yellow	5 Max	80-160 cPs	------	200-230	Accelerator surface cure speed for UV curable inks and coatings

ADDING VALUES TO THE VALUABLE LIFE!

D.R.Coats Ink & Resins Pvt. Ltd.
New Sonal Link Industrial Estate, Unit No - 230 / 231,
Bldg. No. 2, Kancha Pada, Link Road, Malad West,
Mumbai -400 064, INDIA.

+91-22-68660700 enquiry@drcresins.com www.drcresins.com