AMURA

AMURA POLYMERS PVT.LTD.

(Manufacturer of Resins)

Company Overview:

In the year 2016, Amura Polymers commenced its business operations as a premium manufacturer specializing in alkyd resin.Located in Chhatral, Gandhinagar district, our initial production capacity stood at 500 tonnes per month. Over the years, we have evolved, and today, as Amura Polymers Pvt Ltd, we are proud to announce the establishment of our new plant in Indrad, Mehsana. This facility specializes in a range of resins, including Acrylic Resins, Amino Resins, Modified Alkyd Resins, and CNSL Resins, boasting a substantial monthly production capacity of 3000 tonnes.

Our diverse product range caters to various industries, encompassing adhesives, coatings, paints, printing inks, varnish, and more. With a commitment to serving both domestic and international clients, our robust distribution network, coupled with a dedicated sales force, ensures enduring relationships.

At Amura Polymers, we are driven by a focus on quality and innovation, actively transitioning towards oil-based resins. Our advanced Research and Development (R&D) lab, acknowledged by industry standards, spearheads the creation of new products, adapts them locally, and provides innovative solutions.

Proudly holding IMS certification (ISO 9001), we aspire to lead the industry through a strategic approach that emphasizes quality, customer satisfaction, and sustainable practices. Amura Polymers leverages innovation and digitalization for a competitive edge, shaping the future of industrial alkyd and acrylic resins.

PRODUCT CATEGORIES

- SHORT OIL ALKYDS
- MEDIUM OIL ALKYDS
- MALIEC MODIFIED ROSIN ESTER
- LONG OIL ALKYDS
- ROSINATED ALKYDS
- ROSIN MODIFIED PHENOLIC RESINS
- TEXTURE / HAMMERTONE ALKYDS
- CHAIN STOP ALKYDS / FAST DRYING ALKYDS
- AMINO RESINS
- THERMOPLASTIC ACRYLIC RESINS
- THERMOSETTING ACRYLIC RESINS
- ACRYLIC POLYOLS
- MODIFIED ALKYDS
- CASHEW NUT SHELL LIQUID RESINS

SHORT OIL ALKYDS

Product Code	Oil Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity (FC4 CUP)	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
APC-633	Saturated Fatty Acid Base Alkyd	33	60/70	Xyl/Tolu	250-300 (50% Xylene @ 30°C)	12	3	Stoving enamels, Acid Curing, Wood Coating & NC lacquers.
APCL-631	Lauric Base Alkyd	32	70/80	Xyl/Tolu	180-220 (50% Xylene @ 30°C)	12	1	Non-yellowing white baking enamels, Acid curing, Wood coating & NC lacquers.
APS-681	Soya Base Alkyd	30	55/70	Xyl/Tolu	15-20 Poise (55% Toluene @ 25°C)	12	3	Melamine wood finishes in acid curing systems. Used in NC base finished.
APD-640	DCO Base Alkyd	38	70	Xyl/Tolu	80-120 (50% Xylene @ 30°C)	12	6	General purpose baking enamels for Industrial equipments, Machinery, house hold appliances and printing inks. Very useful for cold catalysed lacquers with UF Resin used in textile printing screen. Residual hydroxyl of DCO useful as co- reactant in polyurethane finishes.
APTO-630	Toll Oil Fatty Acid Base Alkyd	28	60/70	Xyl/Tolu	140-200 Poise (60% Xylene @ 25°C)	8	6	Fast Drying with Excellent Exterior Durability and Good Stability in Acid curing and NC systems.

MEDIUM OIL ALKYDS

Product Code	Oil Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity 40% Mto FC4 @ 30°C	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
APS-454	Soya Base Alkyd	50	50/60	Mto	80-100	15	6	Air drying alkyd for general purpose industrial enamel.
APS-454	Soya Base Alkyd	50	70	Mto	30-40	15	6	High solid alkyd for air drying synthetic enamel paints.
APL-433	Linseed Base Alkyd	50	60/70	Mto	60-80	10	10	Air drying alkyd for synthetic enamels. primers and undercoats paints.

MALIEC MODIFIED ROSIN ESTER

Product Code	Type	Melting point	% Non Volatile	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
APMP-552	Maleic modified rosin penta ester gum	100-110°C	100/70	Xyl/Tolu	40-80 Second (50% MTO @ 30°C)	30	12	MTO Compatible used with long/medium alkyd.
APMG-553	Maleic modified rosin glycerin ester gum	100-110°C	100/70	Xyl/Tolu	22-28 Second (50% Toluene @ 30°C)	22-28	10	NC Compatible hence used in NC formulation. Not compatible with MTO.

LONG OIL ALKYDS

Product Code	Oil Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity 50% Mto FC4 @ 30°C	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
APS-318	Soya Base Alkyd	60	60/70	Mto	180-220	12	5	Non-yellowing white for first quality enamels, Roller coatings, Varnishes, etc.
APS-318	Soya Base Alkyd	60	80/100	Mto	120-150	12	5	High solid alkyd for first quality air drying synthetic enamel paints.
APL-381	Linseed Base Alkyd	60	60/70	Mto	95-110	12	10	First quality synthetic enamel paints and printing inks.
APD-309	DCO Base Alkyd	60	70/100	Mto	90-140	12	8	First quality decorative enamel in pastel shades for interior and exterior use. Used for air drying hammer tone finishes.

ROSINATED ALKYDS

Product Code	Oil Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity 40% Mto in FC4	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
APD-50R	Rosinated DCO	**42**	50/60/70	Mto	150-200	25	8	For cost effective decorative enamels for interior and exterior use. Used for air drying furniture enamels.
APL-50R	Rosinated Linseed	43	50/60/70	Mto	150-200	20	12	Decorative enamels in pastel shades for interior and exterior use. Used for air drying furniture enamels.
APL-50R	Rosinated Linseed	43	50/60/70	Mto	80-120	20	12	Decorative enamels in pastel shades for interior and exterior use. Used for air drying furniture enamels.

ROSIN MODIFIED PHENOLIC RESIN

Product Code	Type	Melting point (Ball & Ring)	% Non Volatile	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-PH-554	Rosin modified Phenolic resin	115-125	100	-	22-28 Second (50% Toluene @ 30°C)	20	12	Paints, printing Inks, Insulating Varnishes, Oil Varnishes etc.

TEXTURE / HAMMERTONE ALKYDS

Product Code	Oil Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity in FC4	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-SF-718	Soya Base Alkyd	60	80	Xyl/Tolu	90-140 (50% in MTO)	15	10	For Industrial Texture Finish.
AP-DF-709	DCO Base Alkyd	60	80	Xyl/Tolu	90-140 (50% in MTO)	15	10	For Industrial Texture Finish.
AP-SX	Soya Base Alkyd	45	70	Xyl/Tolu	90-140 (50% in Xylene)	15	10	For Hammertone Finish.
AP-DX	DCO Base Alkyd	45	70	Xyl/Tolu	90-140 (50% in Xylene)	15	10	For Hammertone Finish.
AP-LX	Linseed Base Alkyd	45	70	Xyl/Tolu	90-140 (50% in Xylene)	15	10	For Hammertone Finish.

CHAIN STOP ALKYDS / FAST DRYING ALKYDS

Product Code	Fatty Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
APF-145	Fatty Acid Penta Base Alkyd	35	70	Xyl/Tolu	150-200 (50% Xylene @ 30°C)	15	4	Very fast air drying alkyd for auto refinishing. Use in colour retention industrial finishes.
APF-133	Fatty Acid Mixed polyol Base Alkyd	38	70	Xyl/Tolu	90-140 (50% Xylene @ 30°C)	15	4	Air drying alkyd for auto refinishing. Use in colour retention industrial finishes. Compatible with MTO.
APF-154	Fatty Acid penta Base Alkyd	40	70	Xyl/Tolu	90-140 (50% Xylene @ 30°C)	15	6	Air drying alkyd for auto refinishing. Industrial stoving enamels, Two pack polyurethane based coating. Compatible with MTO.

AMINO RESINS

Product Code	Type	Free Formaldehyde %	% Non Volatile ±2	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-UF-08	Butylated Urea Formaldehyde	1.3	60	N-Butanol	10-20 Poise as Such @ 25°C	3	1	Very fast, low temperature acid curing screen and wood lacquers.
AP-UF-09 (LFF)	Butylated Urea Formaldehyde	0.5	60	N-Butanol	10-20 Poise as Such @ 25°C	3	1	For acid curing wood coatings.
AP-MF-10	Butylated Melamine Formaldehyde	3	60	N-Butanol	07-10 Poise as such @ 25°C	3	1	High gloss stoving enamels with alkyds, epoxy and acrylic systems.
AP-MF-68	Butylated Melamine Formaldehyde	3	60	N-Butanol	08-12 Poise as such @ 25°C	3	1	High efficient, fast curing colour retention stoving enamels resistant to over baking.
AP-MF-70	Butylated Urea Melamine Formaldehyde	3	65	N-Butanol	08-12 Poise as such @ 25°C	3	1	Wide compatibility, low temp curing flexible lacquers for metalized plastic articles. Useful for MTO based finishes and antiwrinkling agent for Rosinated alkyd based stoving finishes.

THERMOPLASTIC ACRYLIC RESINS

Product Code	Type	% Non Volatile± 2	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-TPA-40	Thermoplastic Acrylic	40	Xyl / Tolu	70-100 Poise as such @ 25°C	7	1	Very fast drying. Excellent colour & Gloss retention. Excellent Weather properties. Resistance to soap and detergent.
AP-TPA-50	Thermoplastic Acrylic	50	Xyl / Tolu	20-30 Poise as such @ 25°C	7	1	
AP-TPA-60	Thermoplastic Acrylic	60	Xyl / Tolu	100-150 Poise as such @ 25°C	15	1	Excellent flexibility, pigment dispersion & plasticizer resistance. High gloss & gloss retention. Good all round Weather properties. Good for exterior concrete applications.

THERMOSETTING ACRYLIC RESIN

Product Code	Type	% Non Volatile± 2	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-TSA-60	Thermosetting Acrylic	60	Xylene / Butanol	10-15 Poise as such @ 25°C	15	1	Low bake stoving system for auto body paints and lacquers. Can also used for domestic appliance finishing.

ACRYLIC POLYOLS

Product Code	Type	OH Value (On Solid Basic)	% Non Volatile± 2	Solvent	Viscosity in poise @ 25'C	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-POL-902	Acrylic Resin	70-80	60	Xyl / Ethyl Cello	30-50	10	1	General Purpose PU Coatings with Good Durability.
AP-POL-940	Acrylic Resin	40-50	60	Xyl / Butyl Ace	25-45	10	1	Suitable for DTM Coating. Very Good Adhesion on Non ferrous metal surfaces like steel, GI, Copper, Brass and Glass Coating.
AP-POL-946	Acrylic Resin	145-155	70	Butyl Ace	40-70	10	1	High Gloss Auto Refinish, Excellent Mechanical and Chemical Properties.
AP-POL-949	Acrylic Resin	70-80	70	Xyl	20-30 (40% Xylene In FC4 Cup @ 30°C)	8	1	High Solid & Economical for Base/Top Coat Automotive Finishes.
AP-POL-955	Acrylic Resin	50-60	70	Xyl / C9	22-46	10	1	High Solid, Low Viscosity for General Purpose Industrial and Maintenance Coatings.
AP-POL-948	Acrylic Resin	80-90	60	Butyl Ace	80-120	5	1	Very Fast Setting good for PU sanding sealer & wood coatings.
AP-POL-950	Acrylic Resin	80-90	60	Butyl Ace	30-50	5	1	Top Coat for Wood Coatings with very good gloss, drying & Weather performance.

MODIFIED ALKYDS

Product Code	Type	Oil Length%	% Non Volatile± 2	Solvent	Viscosity	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-PU-860	Urethan Alkyd	45	60	Mto	100-140 (50% Mto In FC4 Cup @ 30°C)	8	6	TDI modified for fast drying Alkyd for single pack wood coating enamels for high gloss and abrasion resistance. Urethane Alkyd, 1K PU.
AP-AC-825	Acrylated Alkyd	23	50	Xyl	10-15 Poise as such in Gardner tube @ 25°C	10	4	Very fast drying resins, Excellent outdoor durability. No or very Little drier is required.
AP-ST-830	Styrenate Alkyd	30	50	Xyl	10-15 Poise as such in Gardner tube @ 25°C	10	10	Very fast drying Resistance to Water and mineral oil, primers, Varnishes, hammer finish.

CASHEW NUT SHELL LIQUID RESINS

Product Code	Oil Type	Modified With	% Non Volatile± 2	Solvent	Viscosity 40% Mto in FC4	Acid Value Max (mgKOH/gm)	Color (Gardner) Max.	Suggested uses
AP-CN-281	CNSL RESIN	-	80	Mto	20-30	7	Reddish Brown	Paint, Primer, Liquid Insulating Varnish etc.
AP-CN-282	CNSL RESIN	-	70	Xyl	20-30	7	Reddish Brown	Paint, Primer, Liquid Insulating Varnish etc.
AP-CN-284	CNSL RESIN	Styrene	70	Styrene	20-30	7	Reddish Brown	Airdrying cum backing Enamel. Coatings for Anti-corrosive properties and for Hamertone finish.
AP-CN-286	CNSL RESIN	Alkyd	70	Xyl / Tolu	20-30	10	Reddish Brown	Paints, Printing ink Compositions With High Outdoor durability etc.
AP-CN-288	CARDANOL RESIN	-	80	Mto	20-30	5	Golden yellow	Air during cum Banking for dark cotoured enamels insulating varnishes, wood polishes etc.
AP-CN-290	CARDANOL RESIN	Alkyd	70	Xyl / Tolu	20-30	5	Golden Yellow	Paints, Printing ink Compositions With High Outdoor durability etc.

SUGGESTED USES

Automotive Refinishing

Enamel Paints

Wood Coating

Floor Coating

Powder Coating

Road Marking

Resin Art

Industrial Coating

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AMURA
POLYMERS PVT. LTD.

Mukeshbhai Patel
(Director)
Ph. +91-9327022752

Sales Contact :
Ph. +91-7778922752

Office : 18, Sardar Patel Estate, Near Barcelona Arcade, S P Ring Road , Odhav, Ahmedabad, Gujarat - 382415.
+91-9925122752

Amura Polymers Pvt. Ltd. : Survey No. 261, At & Post. Indrad, Tal. Kadi, Dist. Mehsana. Pin - 382715.
E-mail: amurapolymerspvtltd@gmail.com / **Web:** www.amurapolymers.com