



Asterix
Reinforced
Limited

COMPOSITES FOR
INNOVATION

AASTER

An ISO 9001:2015 certified, PLC controlled, semi-automatic Resin, SMC and Composites manufacturing company based in Mumbai, India

GET IN TOUCH

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HIGH QUALITY RESINS,
TAILOR MADE FOR YOU



About Us

Asterix Reinforced Limited is an **ISO 9001:2015, IRS Certified & REACH Registered Unsaturated Polyester Resin manufacturing company**. We established in the year 2007 & since then have been at the forefront of the composites industry in India. Our state-of-the-art R&D labs are manned by dedicated & qualified Technicians with capabilities to Design & Develop customized products of Unsaturated Polyester Resin as per client's requirement. Headquartered in Mumbai, our manufacturing facilities, with production capacities of over 2400 MT, are spread across the Indian States of Maharashtra & Union Territories of Dadra & Nagar Haveli. With a strong Manufacturing, Quality Control, Operations & Logistics team, we supply our products to our customers in INDIA as well as export to our international customers based in Qatar, UAE, Panama, Colombia, Canada, Nepal, Bangladesh & Vietnam.

We cater to Industries such as FRP, GRP, Boat Fabrication(Marine), Automotive, Garden and Parks furniture, Buttons for garments, Statue Casting, Solid Surface, Quartz (Artificial/Engineered Stone), Marble castings, Roof Sheet, Furniture Lamination, Putty, Pultrusion, SMC, DMC, Filament Winding, RTM/Infusion, Gelcoats, Thixotropic Resins, Sanitary products and many more as per consumer requirements.

Plant Operations

Our Plant is Semi automatic Resin controlled and provides its own utility of captive power, treated water for cooling tower and thermic fluid heater with economizer. The quality & assurance system consists of state of the art equipment for the testing of thermal properties of liquid cast and laminates. The laboratory equipment consists of computerized testing Machine and digital Brook field viscometer apparatus, Electronic balances with wet analysis Kit. The plant production capacity is 2400 MT per month and we cover major Product lines manufactured in separate reactor and blender equipment. The manufacturing strength is supported by a well maintained supply chain for input.

Standards

Asterix Reinforced Limited believes in high Quality Standards and is a ISO 9001:2015 compliant, IRS Certified, REACH Registered Company.



Manufacturing

Asterix Reinforced Limited's vision is to supply the best resin products with high quality standards to our customers.

Our manufacturing team helps us achieve the goal by making use of the best industry practices and processes thus ensuring that the best quality products are delivered.



R & D Lab

An ongoing endeavor to remain consistent in quality and researching newer product offerings is the core of our R&D Team. With a state of the art laboratory and a team of skilled chemists, our effort is to provide a superior quality experience to our buyers. The LAB will continue to help us overcome challenges faced at customer's end, so that the R&D team is available 24X7 to interact with customer globally.



Quality & Assurance

Our Quality assurance begins from the raw materials, testing for compliance with Manufacturing standards. Materials are received and checked again in the laboratory for their physical as well as chemical properties. The laboratory is well equipped with the instruments to evaluate the Melting point, Boiling point, Viscosity, Refractive Index and so on.

Special purpose Resins are developed, tested with the tensile strengths as well as the flexural strength for testing the cast/glass laminates. The samples, obtained from every batch are earmarked and stored for reference. These are further evaluated to observe the effect of ageing. The samples also come handy for an evaluation requested by the clients for a specific purpose.



Storage & Handling

1. The packed drums are recommended to be stored in cold and dry condition for better results. Exposure to sources of heat, sunlight is to be avoided. After drawing the required resin, the container is to be securely closed. Left over quantities after usage are not to be transferred back to the container.
2. Accelerator and catalyst are not to be mixed together in the resin. Catalyst is added after thoroughly dispersing the accelerator. All direct contacts of accelerator and catalyst are strictly prohibited as they can lead to explosion.
3. The resins contain a volatile monomer with flash point of 32°C and are of moderate hazard. Due precaution to be observed while handling to avoid accidents. Use of copper, zinc and iron metals in handling can adversely effect the batch life and cure of resin.



Packaging

- 1) MS Drum – 225 Kg Net Weight, Epoxy Coated.
- 2) MS Drum – Small, 25 Kg Net Weight, Epoxy Coated.
- 3) IBC – 1000 Kg Net Weight.
- 4) ISO Tank – 27000 Kg Net Weight.
- 5) HDPE Drum – 225 Kg Net Weight.
- 6) Company Tankers – 35000 kg Net Weight.
- 7) Custom Packaging for Domestic Cuomers.

Shelf Life

The resins are guaranteed for a shelf life 3 months from the date of manufacture when stored at temperature below 25°C. Shelf life drops significantly at higher temperature.

Products

No.	Product Code	Base	Application	Description
1	AASTER 101	Orthophthalic	General Purpose Pre Accelerated	Clear, Superior Laminating Resin. Pre accelerated with Cobalt
2	AASTER 105	Orthophthalic	General Purpose Low Viscosity	It is a multi-application superior resin with high mechanical properties and Low viscosity
3	AASTER 104	Orthophthalic	Fire Retardant	Low viscosity, medium reactivity Orthophthalate based UP resin, non-halogenated, designed to comply with Fire Retardant V0 properties.
4	AASTER 106	Orthophthalic	BMC	Non-thixotropic, non-accelerated, high reactive, high viscosity resin. It has excellent mechanical properties, dimensional stability and chemical resistance.
5	AASTER 107	Orthophthalic	SMC	Non-thixotropic, non-accelerated, high reactive, high viscosity resin.
6	AASTER 108	Orthophthalic	Fiber Glass Composite	Pre-Accelerated, UV stabilised, Low viscosity resin which provide efficient quality performance.
7	AASTER 108	Orthophthalic	SMC	Pre Accelerated, UV stabilised, Low viscosity resin which provide efficient quality performance. Ideal for SMC
8	AASTER 108	Orthophthalic	BMC	Pre Accelerated, UV stabilised, Low viscosity resin which provide efficient quality performance. Ideal for BMC
9	AASTER 108	Orthophthalic	Casting	Pre Accelerated, UV stabilised, Low viscosity resin which provide efficient quality performance. Ideal for Casting
10	AASTER 108SS	Orthophthalic	Solid Surface	High viscosity, medium reactivity, non pre accelerated, non thixotropic unsaturated polyester resin
11	AASTER 101 SS	Orthophthalic Acrylic Modified	Solid Surface/Casting	Semi rigid, medium reactivity, Ortho-phthalic/Neopentyl glycol unsaturated polyester resin designed for the casting of non-gelcoated solid surface or densified marble.
12	AASTER 109	Orthophthalic	Engineered Stone/Quartz Slabs	Pre-accelerated, UV stabilized, LV Resin that has been developed to provide efficient, and reliable quality performance. It is ideal for Quartz production.
13	AASTER 110	Orthophthalic	Filament Winding	Preaccelerated, Wax-free, thixotropic, Medium reactivity Resin intended for filament winding
14	AASTER 112	Orthophthalic	Putty	Orthophthalic Base Unsaturated Polyester Resin for Putty/Filler.
15	AASTER 113	Orthophthalic	Pultrusion	Orthophthalic Unsaturated polyester resin, high strength, rigidity and heat resistance, good toughness and property.
16	AASTER 114	Orthophthalic	Button	Non-thixotropic, non-accelerated, low reactive, medium viscosity resin for button applications

Products

No.	Product Code	Base	Application	Description
17	AASTER 115	Orthophthalic	Infusion	Pre-accelerated, low viscosity unsaturated polyester resin for Infusion application.
18	AASTER 115	Orthophthalic	RTM	Pre-accelerated, low viscosity unsaturated polyester resin for LRTM application.
19	AASTER 1002	Orthophthalic	Others	Marble Grade Unsaturated Polyester Resin is widely utilized for repairing of marble sheets and back up lamination purpose.
20	AASTER 1005	Orthophthalic	Casting	Clear Casting Resin is a two part casting resin that is water clear when cured. This advanced resin formula is UV stable, resistant to shrinkage and easy to use.
21	AASTER 10006	Orthophthalic	Roof Sheet	RL Resin is a non-accelerated medium viscosity Rooflite Resin with UV stabiliser
22	AASTER 1104	Orthophthalic	Marine	Orthophthalic Base Unsaturated Polyester Resin for Marine applications. IRS Certified.
23	AASTER 1105 TX PA	Orthophthalic	General Purpose Thixotropic PA	Pre accelerated, thixotropic, ortho based unsaturated polyester resin. It has good mechanical performance combined with a high elongation at break and good HDT.
24	AASTER 201	Isophthalic	Fiber Glass Composite Pre-Accelerated	Medium viscosity, medium reactivity, non-thixotropic Pre accelerated resin specially tailor made for resistance to mild chemical atmosphere.
25	AASTER 201 FR	Isophthalic	Fire Retardant	ISO NPG -Resin is a medium viscosity, medium reactivity, non pre accelerated, non thixotropic unsaturated polyester resin based on Isophthalic acid. This resin is non halogenated, V0 complaint
26	AASTER 201 SS	Isophthalic Acrylic Modified	Solid Surface/Casting	Semi rigid, medium reactivity, isophthalic/Neopentyl glycol unsaturated polyester resin designed for the casting of non-gelcoated solid surface or densified marble.
27	AASTER 201 NPG SS	Isophthalic	Solid Surface	ISO-NPG Solid Surface Resin is a high performance, low colour, medium reactivity casting resin based on Isophthalic Acid and Neopentyl Glycol.
28	AASTER 201 TX PA	Isophthalic	Fiber Glass Composite Thixotropic PA	Iso-Thixotropic Resin is specially engineered to meet the most diverse needs of fiberglass reinforced plastic molding industry & laminates
29	AASTER 201 PL	Isophthalic	Pultrusion	Medium viscosity, high reactivity, non pre accelerated, non thixotropic resin having rapid cures.
30	AASTER 203	Isophthalic	Infusion	Pre-accelerated, low viscosity resin for infusion application.
31	AASTER 203	Isophthalic	RTM	Pre-accelerated ,low viscosity unsaturated polyester resin for LRTM application.
32	AASTER 207	Isophthalic	Fire Retardant	Medium viscosity, medium reactive, high molecular weight, V0 Compliant Isophthalic based Fire retardant resin, having self extinguishing properties.

Products

No.	Product Code	Base	Application	Description
33	AASTER 208	Isophthalic	SMC	Low Viscosity, pre-accelerated, UV stabilized resin that has been developed to provide efficient, and reliable quality performance.
34	AASTER 208	Isophthalic	BMC	Low Viscosity, pre-accelerated, UV stabilized resin that has been developed to provide efficient, and reliable quality performance.
35	AASTER 210	Isophthalic	Filament Winding	Excellent wet out of reinforcements, rapid curing, good air releasing properties and excellent processability to ensure compact building of laminates.
36	AASTER 2104	Isophthalic	Marine	Isophthalic Base Unsaturated Polyester Resin for Marine applications. IRS Certified.
37	AASTER 501	Terephthalic	General Purpose	Purified Terephthalic Acid (PTA) is used to manufacture polyester coatings resins and fiberglass-reinforced plastics applications.
38	AASTER 502	Terephthalic	Fire Retardant	Thixotropic, repromoted and is ideal for a wide variety of FR applications.
39	AASTER 503	Terephthalic	Fire Retardant	Medium viscosity, medium reactive, non pre accelerated, non thixotropic resin with high heat deflection temperature.
40	AASTER 504	Terephthalic	Filament Winding	Have excellent wet out of reinforcements, rapid curing, good air releasing properties and excellent processability to ensure compact building of laminates.
41	AASTER 505	Terephthalic	Putty	Have good adhesion on almost all metal surfaces except Aluminium and Mild Steel and is widely used in carpatch putty manufacturing for bus and truck bodies.
42	AASTER 506	Terephthalic	Marine	Developed for the manufacture of hand made GRP sheeting of high clarity. It readily wets-out and impregnates the glass fibre reinforcement. IRS Certified.
43	AASTER 1500	PET/Recycled Material	General Purpose	It is un-accelerated. Suitable for both handlay up and gun spray up. The resin offers excellent mechanical properties, impact and water resistance.
44	AASTER 105	Orthophthalic	Gelcoat	Thixotropic, quick-curing superior phthalic anhydride and propylene glycol based used in for general coating purposes thixotropic applications.
45	AASTER-201 ISO GC	Isophthalic	Gelcoat	Pre-accelerated, isophthalic gelcoat has been formulated for brush application, but spray versions are available.
46	AASTER 208	Isophthalic	FR Gelcoat	Pre-accelerated, isophthalic gelcoat has been formulated for FR applications
47	AASTER 201 NPG GC W	Isophthalic	NPG CC Gelcoat	Pre-accelerated, NPG, white coloured isophthalic gelcoat has been formulated for brush application.



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Contact Us



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