



SR RESINS AND CHEMICALS INDUSTRIES



INTRODUCTION



SR RESINS has been in the business of manufacturing all types of Unsaturated Polyester Resins for about 35 yrs in Coimbatore, Tamil Nadu, India. We are expertise in the manufacturing of customized resins meeting highest quality standards. We have the ability to deliver international scale quality products on a consistent basis at a reasonable price to our customers.



ADDITIONAL REASONS THAT SET US APART

- ◈ Develop customized products
- ◈ Technical expertise to assist clients
- ◈ Available capacity
- ◈ On-time delivery
- ◈ Favorable pricing

OUR VISION

To continuously develop, improve, and deploy innovative performance resin technologies and systems in order to benefit end users and service the worldwide market in a socially responsible manner.

MARKETS SERVED

- ◈ Automotive Industries
- ◈ Marine and Railways
- ◈ Leisure and Amusement Industries
- ◈ Chemical Industries
- ◈ Transport Industries
- ◈ Artificial Marble Industries
- ◈ Putty Paste / Adhesive Industries, etc.



ENTIRE SPECTRUM OF PROCESSING INDUSTRY

- ◉ Hand Lay-up, Spray-up
- ◉ Filament Winding
- ◉ RTM/VRTM
- ◉ Pultrusion
- ◉ Moulded Grating
- ◉ SMC/DMC/BMC
- ◉ Infusion Moulding
- ◉ Vaccum Bagging
- ◉ Pressure bagging



OTHER FRP PRODUCTS SERVED BY US:



- ◉ Polyester resin based Pigments
- ◉ Fibre MAT(300/ 450/ 600)
- ◉ Mould release agents
- ◉ BPO paste
- ◉ Accelerators
- ◉ Catalysts

Applications	S.NO	Product Code	Product Description	Available versions	Brookfield Viscosity @25°C Cps	Styrene content [Wg. %]	Gelttime in mins @25° C (Catalyst - 1%, Accelerator - 1%)	Tensile strength	Flexural strength	Barcol Hardness
	1	SR 2031	Superior lamination resin	Spray, Hand - lay up Pre - accelerated, Low styrene emission, UV, Thixotropic	500-600 Cps	36- 38%	8 - 10 Mins	65 Mpa	3500 Mpa	40
	2	SR 2011	Superior Orthophthalic resin		400-500 Cps	36- 38%	8 - 10 Mins	65 Mpa	3500 Mpa	40
	3	SR 2021	Economical Orthophthalic resin		400 Cps	37- 38%	8 - 10 Mins	65 Mpa	3500 Mpa	40
	4	SR I011	Superior Isophthalic resin		800 Cps	37%	8 - 10 Mins	70Mpa	3600 Mpa	50
	5	SR I021	General Purpose Isophthalic resin		500 Cps	38%	8 - 10 Mins	80Mpa	3800 Mpa	50
	6	SR 3021	High Temperature resistance Resin		500 Cps	36- 38%	8 - 10 Mins	70 Mpa	3600 Mpa	50
	7	SR 4011	General purpose PET Resin	Hand - lay up Pre - accelerated, Low styrene emission, UV	400-500 Cps	33 - 36%	8 - 10 Mins	65 Mpa	3500 Mpa	40
	8	SR 4011	General purpose Orthophthalic gelcoat	Spray, Hand - lay up Pre - accelerated, Low styrene emission, UV, Pre - pigmented	3000 Cps	33%	8 - 10 Mins	70 Mpa	3600 Mpa	50
	9	SR I011G	General purpose Isophthalic gelcoat		3000 Cps	33%	8 - 10 Mins	80 Mpa	3800 Mpa	50
	10	SARPOL 1010G-PP	Isophthalic based white pigmented gelcoat	Spray, Hand - lay up Pre - accelerated, Low styrene emission, UV	4000-5500 Cps	33%	8 - 10 Mins	70 Mpa	3500 Mpa	50
	11	SARPOL 1010G-PP	NPG based UV stabilized Pre - accelerated superior gelcoat	Spray, Hand - lay up Low styrene emission, Pre - pigmented	3500 Cps	33%	8 - 10 Mins	70 Mpa	3000 Mpa	40
	12	SR M-2011	Marine grade Orthophthalic resin	Spray, Hand - lay up Pre - accelerated, Low styrene emission, UV, Thixotropic	500-600 Cps	36%	8 - 10 Mins	70 Mpa	3800 Mpa	50
	13	SR 2041	Acrylic modified resin(Non - Waxed)	Hand - lay up Pre - accelerated, Low styrene emission, UV	400 Cps	38 - 40%	10 - 12 Mins	65 Mpa	3500 Mpa	40
	14	SR T-I011	Tooling Resin	Hand - lay up Pre - accelerated, Low styrene emission	800 Cps	34 - 36%	8 - 10 Mins	70 Mpa	3500 Mpa	40
	15	SR 2081	Quartz Resin	Hand - lay up Pre - accelerated	400 - 500 Cps	36 - 38%	8 - 10 Mins	70 Mpa	3600 Mpa	60

Applications	S.NO	Product Code	Product Description	Available versions	Brookfield Viscosity @25°C	Styrene content [Wg. %]	Geltime in mins @25° C (Catalyst - 1%, Accelerator - 1%)	Tensile strength	Flexural strength	Barcol Hardness
AUTOMOBILE BUS BODY MARINE WIND TOOLING QUARTZ BUTTON	16	SR 2091	Button Resin	Hand - lay up Pre - accelerated, UV	800-1000 Cps	34- 36%	8 - 10 Mins	70 Mpa	3600 Mpa	70
	17	SR 2021TX	Thixotropic Orthophthalic resin	Spray, Hand - lay up Pre - accelerated, Low styrene emission, UV	1000 Cps	38- 40%	8 - 10 Mins	70 Mpa	3600 Mpa	50
	18	SR I011TX	Thixotropic Isophthalic resin		1000 Cps	38- 40%	8 - 10 Mins	70 Mpa	3800 Mpa	50
	19	SR 2022	RTM/Infusion Resin	Pre - accelerated, Low styrene emission, UV	400 Cps	38 - 40%	8 - 10 Mins	70Mpa	3800 Mpa	40
	20	SR 2051	Orthophthalic based Putty Resin	Medium , Hard. Flexible Pre - accelerated system	800 Cps	34 - 36 %	25 - 30 Mins	-	-	-
POLYESTER PUTTY SYSTEM	21	SR I031	Isophthalic based Putty Resin		1000 Cps	35 - 38%	25 - 30 Mins	-	-	-
	22	SR 3021	Orthophthalic based DCPD Resin		1000 Cps	34 - 36 %	25 - 30 Mins	-	-	-
	23	SR 2061	Isophthalic based DCPD Resin		1000 Cps	34 - 36 %	25 - 30 Mins	-	-	-
	24	SR 3011	Superior Terephthalic based DCPD Resin		1000 Cps	34- 36 %	25 - 30 Mins	-	-	-
FIRE RETARDANT SYSTEM	25	SR 4051	Economical Terephthalic based DCPD Resin		1000 Cps	34- 36 %	25 - 30 Mins	-	-	-
	26	SR 2021FR	Othophthalic based Fire Retardant Resin	Spray, Hand - lay up Pre - accelerated, Low styrene emission, UV	1500 - 2000 Cps	14 - 16 %	8 - 10 Mins	70 Mpa	4000 Mpa	50
	27	SR I011FR	Isophthalic based Fire Retardant Resin		1500 - 2000 Cps	14 - 16 %	8 - 10 Mins	70 Mpa	4000 Mpa	60
	28	SR 2010G - FR	Orthophthalic based Fire Retardant gelcoat	Spray, Hand - lay up Pre - accelerated, Low styrene emission	4000 - 5000 Cps	33%	8 - 10 Mins	70 Mpa	4000 Mpa	60
	29	SR I010G - FR	Isophthalic based Fire Retardant gelcoat		4000 - 5000 Cps	33%	8 - 10 Mins	70 Mpa	4000 Mpa	60
SMC	30	SARPOL I041	ISO NPG SMC Resin	UV System	800 Cps	36 %	8 - 10 Mins	70 Mpa	3500 Mpa	40

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SMC	31	SR 1051	Isophthalic based SMC resin	UV System	1000 Cps	36 - 38%	8 - 10 Mins	70 Mpa	3500 Mpa	40
	32	SR 3031	Superier Terephthalic based SMC Resin		1000 - 1200 Cps	36%	8 - 10 Mins	70 Mpa	3600 Mpa	50
	33	SR 3032	Terephthalic based SMC Resin		1000 - 1200 Cps	36 - 38%	8 - 10 Mins	70 Mpa	3600 Mpa	50
	34	SR 4021	Economical Terephthalic based SMC resin		1000 - 1200 Cps	36 - 38%	8 - 10 Mins	60Mpa	3500 Mpa	50
ANTI-SHRINK SYSTEM	35	SR L001	Low Profile Additives - 1	-	1200 - 1300 Cps	70 - 72%	-	-	-	-
	36	SR L002	Low Profile Additives - 2		1500 - 1800 Cps	65 - 66 %	-	-	-	-
PULTRUSION	37	SR 2071	Orthophthalic based Pultrusion resin	UV System	800 - 1000 Cps	34 - 36%	10 - 12 Mins	40 Mpa	3500 Mpa	40
	38	SR 1061	Isophthalic based Pultrusion resin		1200 - 1500 Cps	34 - 36 %	10 - 12 Mins	50 Mpa	3600 Mpa	50
	39	SR 3041	Superier Terephthalic based Pultrusion Resin		1200 - 1500 Cps	34- 36 %	10 - 12 Mins	50 Mpa	3600 Mpa	50
	40	SR 3042	Terephthalic based Pultrusion Resin		800 - 1000 Cps	34- 36 %	10 - 12 Mins	40 Mpa	3500 Mpa	50
	41	SR 4031	Economical Terephthalic based Pultrusion resin		800 - 1000 Cps	34 - 36%	10 - 12 Mins	40 Mpa	3500 Mpa	50
	42	SR V011	Vinly ester based Pultrusion resin		800 - 1000 Cps	34 - 36%	10 - 12 Mins	40 Mpa	3500 Mpa	50
DMC	43	SR 1071	Isophthalic based DMC resin	UV System	1000 - 1200 Cps	30 - 35%	8 - 10 Mins	40 Mpa	3500 Mpa	50
	44	SR 3051	Superier Terephthalic based DMC Resin		1000 - 1200 Cps	33 - 35%	10 - 12 Mins	50 Mpa	3800 Mpa	60
	45	SR 3052	Terephthalic based DMC Resin		1000 - 1200 Cps	30 - 32%	10 - 12 Mins	50 Mpa	3500 Mpa	50

Applications	S.NO	Product Code	Product Description	Available versions	Brookfield Viscosity @25°C Cps	Styrene content [Wg.-%]	Geltime in mins @25° C (Catalyst - 1%, Accelerator - 1%)	Tensile strength	Flexural strength	Barcol Hardness
DMC	46	SR 4041	Economical Terephthalic based DMC resin	UV System	800 - 1000 Cps	33 - 35%	10 - 12 Mins	50 Mpa	3500 Mpa	50
MOULDED GRATING	47	SR 2023MR	Isophthalic based SMC resin	Pre - accelerated, UV	400 Cps	37 - 39 %	8 - 10 Mins	40 Mpa	3500 Mpa	40
	48	SR I011MR	Orthophthalic based Moulded Grating resin		500 Cps	38 - 40 %	8 - 10 Mins	50 Mpa	3600 Mpa	50
	49	SR 2012	Top Coat		400 Cps	37 - 39 %	8 - 10 Mins	40Mpa	3500 Mpa	40
	50	SR 3061MR	Superier Terephthalic based Moulded grating Resin		400 -500 Cps	38 - 40 %	8 - 10 Mins	50 Mpa	3600 Mpa	60
FILAMENT WINDING	51	SR 3062MR	Terephthalic based Moulded Grating Resin	Pre - accelerated, UV	400 -500 Cps	38 - 40 %	8 - 10 Mins	50 Mpa	3500 Mpa	50
	52	SR 4011MR	Economical Terephthalic based Moulded grating resin		400 -500 Cps	38 - 40 %	8 - 10 Mins	40 Mpa	3500 Mpa	40
	53	SR 2024	Orthophthalic based Filament winding resin		400 - 500 Cps	36 - 38%	14 - 15 Mins	50 Mpa	3500 Mpa	40
	54	SR I012	Isophthalic based Filament winding resin		500 -800 Cps	38 - 40 %	14 - 15 Mins	50 Mpa	3600 Mpa	50
GROUT SYSTEM	55	SR 3071	Grout Resin	-	500 - 600 Cps	36- 38 %	10- 12 Mins	60 Mpa	3800 Mpa	60
VINLY ESTER & BISPHENOL SYSTEM	56	SR V021	Vinyl Ester Resin	-	500 - 600 Cps	36- 38 %	8 - 10 Mins	60 Mpa	3600 Mpa	60
	57	SR V031	Superior Vinyl Ester Resin		600 - 800 Cps	36- 38 %	8 - 10 Mins	60 Mpa	3600 Mpa	60
ARTIFICIAL WOOD PASTE	58	SR 2081	Orthphthalic based Wood Resin	Spray, Hand - lay up Pre - accelerated, Low styrene emission	400 - 500 Cps	36 - 38%	8 - 10 Mins	60 Mpa	3500 Mpa	40
	59	SR I081	Isophthalic based Wood Resin		600 - 800 Cps	38 - 40%	8 - 10 Mins	70 Mpa	3600 Mpa	50

Note:

- SR Resins do have R & D facilities and is open to produce any other type of Polyester Resins beyond the list
- Resins should be stored and maintained at a temperature not exceeding 25°C for maximum shelf life. At higher storage temperatures, the shelf life decreases sharply
- It is advisable to use the resin within 3 months. Also, on special request the shielf life could be increased upto 6 months.



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