

LSE Resins

Mechster®

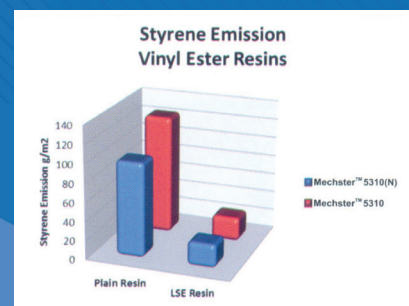
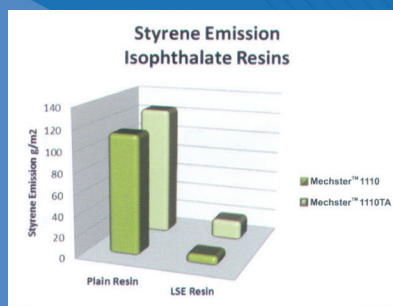
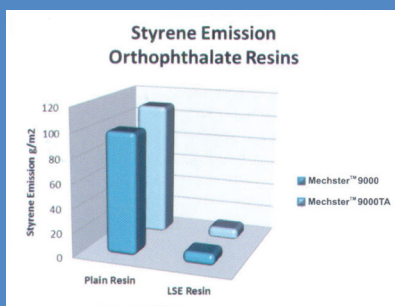


New Series of Mechster® LSE Resins

- Engineered for Reduced Emission of Hazardous Air Pollutants - upto 90% reduction achieved
- Provides excellent wetting for reinforcement and easy air release
- Provides full retention of Secondary Bonding Properties as Adhesion Bond Tests give Excellent Results
- Improves working environment for fabrication shop
- Equally suitable for Open Mold applications by Hand Lay-up or Spray-up

Mechster® LSE Resin Series comprises of:

- Mechster® 1110 LSE Series : Isophthalate Resin
- Mechster® 3330 LSE Series : Terephthalate Resin
- Mechster® 3180 LSE Series : Bisphenol Fumerate Resin
- Mechster® 5310 LSE Series : Vinyl Ester Resin



MECHSTER® RESINS A QUALITY CHOICE FOR FABRICATORS

STANDARD GRADES:

- Chemical Process Equipment and Piping
- Building & Construction
- Automobiles & Railways
- Electrical & Electronics
- Architectural & Interior Decor
- Infrastructure
- Aerospace and Defense
- Mass Transport
- Sports & Leisure
- Marine and Many More

Mechster® Resins		Typical Liquid Resin Properties at 25 °C					Cumulative Styrene Emission g/m ² (Resin Cast)	Adhesion Bond Test on FRP Laminates (Resin Glass < 1.5:1 bywt)
Description	Grade	Viscosity # 320 rpm (cP)	Thin Index 2/20	Acid Value (mg KOH/G)	% Volatiles (w/w)	Gel Time Minutes		
Thixotropic Pre - accelerated Orthophthalate	Mechster® 9000TA	550-600	3.5-4.0	<25	42	20-25	100	Excellent
Thixotropic Pre - accelerated Orthophthalate -LSE	Mechster® 9000TA LSE	550-600	3.5-4.0	<25	42	20-25	10	Excellent
Thixotropic Pre - accelerated Isophthalate	Mechster® 1110TA	550-600	3.5-4.0	<17	45	20-25	125	Excellent
Thixotropic Pre - accelerated Isophthalate-LSE	Mechster® 1110TA LSE	550-600	3.5-4.0	<17	45	20-25	20	Excellent
Orthophthalate	Mechster® 9000	350-400	NA	<25	37	20-25	110	Excellent
Orthophthalate - LSE	Mechster® 9000 LSE	350-400	NA	<25	37	20-25	10	Excellent
Isophthalate	Mechster® 1110	400-450	NA	<20	40	20-25	115	Excellent
Isophthalate - LSE	Mechster® 1110 -LSE	400-450	NA	<20	40	20-25	10	Excellent
Bisphenol Fumarate	Mechster® 3180	350	NA	<10	50	20-25	250	Excellent
Bisphenol Fumarate - LSE	Mechster® 3180 -LSE	350	NA	<10	50	20-25	140	Excellent
Epoxy Vinyl Ester	Mechster® 5310	350-400	NA	<12	45	20-25	125	Excellent
Epoxy Vinyl Ester -LSE	Mechster® 5310 -LSE	350-400	NA	<12	45	20-25	25	Excellent
Epoxy Novalac Vinyl Ester	Mechster® 5310 (N)	250	NA	<12	36	20-25	100	Excellent
Epoxy Novalac Vinyl Ester - LSE	Mechster® 5310 (N)	250	NA	<12	36	20-25	25	Excellent

For Additional information, contact our Technical Service Department or send an email to info@mechemco.com



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