

PERFECTED CHEMISTRY

Mechster®

VINYL ESTER RESINS



SALIENT FEATURES

- Rapid and Complete Cure
- Excellent Wetting of Reinforcement/ Fibres
- Extended Shelf Life
- Lower Exotherm Multilayer Build up
- Light Colour
- Improved Dynamic Mechanical Properties
- Very good Dimensional Stability Even at Elevated Temperatures
- Excellent Hydrolytic Stability
- Excellent Chemical Resistance to Alkalies, Mineral acids and Chlorinated Solvents at Elevated Temperatures

APPLICATIONS

- Piping, Ducts, Storage Tanks and Processing Equipment for handling Alkalies, Chlorinated Solvents, Oxidising Acids, Many Inorganic and Organic Corrosive Chemicals
- Pollution Control Equipment including Scrubbers Lining and Flooring Applications
- Mould Making
- Gratings and Cable Trays
- Structural Profiles like Beams, Channels and Angles for Building and Construction
- FRP Lining on steel and concrete
- Wind Energy

MECHSTER® RESINS THE QUALITY CHOICE FOR FABRICATORS

- Mechster® 5310 : Bisphenol A Epoxy based Vinyl Ester Resin
- Mechster® 5310H : Bisphenol A Epoxy based High HDT Vinyl Ester Resin
- Mechster® 5310HK : Epoxy based High HDT Vinyl Ester Resin
- Mechster® 5310N : Epoxy Novalac based Vinyl Ester Resin
- Mechster® 5310FR : Brominated Bisphenol A Epoxy based Vinyl Ester Resin
- Mechster® 5310CFR : Brominated Epoxy based Vinyl Ester Resin
- Mechster® 5310NFR : Brominated Epoxy Novalac based Vinyl Ester Resin

TOOLING RESINS FOR FRP TOOLS

- Mechster® 5310(T) : Low Shrinkage Vinyl Ester Tooling Resin
- Mechster® 5310HX(T) : Low Shrinkage High HDT Vinyl Ester Tooling Resin
- Mechster® 5310N(T) : Low Shrinkage Novalac Epoxy based Vinyl Ester Tooling Resin

NEWLY INTRODUCED

- Mechster® Plus : Vinyl Ester Resin Family
- Mechster® Plus 5310-350 : Bisphenol A Epoxy based Vinyl Ester Resin
- Mechster® Plus 5310(N)-300 : Novalac Epoxy based Vinyl Ester Resin
- Mechster® Plus 5310HX-400 : Epoxy based High HDT Vinyl Ester Resin
- Mechster® Plus 5310FR : Brominated Bisphenol A Epoxy based Vinyl Ester Resin
- Mechster® Plus 5310CFR : Brominated Epoxy based Vinyl Ester Resin
- Mechster® Plus 5310(N)FR : Brominated Novalac Epoxy based Vinyl Ester Resin

Low Styrene Emission (LSE) Version and Thixotropic Versions are available

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



27, Kewal Industrial Estate, Senapati Bapat Marg,
Lower Parel, Mumbai 400 013, INDIA
Tel.: +91-22-24922039 / 24951799, Fax: +91-22-24945907
Email: info@mechemco.com | www.mechemco.com

Mechster® is Registered Trade Mark of Mechemco.