

Chemical / physical nature:

LP-300 resin is a shrinkage reduction additive based on a thermoplastic resin dissolved in styrene monomer.

Major application:

This resin is used to reduce shrinkage in unsaturated polyester and vinyl ester resins. The amount of use of this resin can vary from 10 to 30% depending on the nature of the unsaturated polyester resin. The main application of this resin is in pultrusion industry, filament winding, SMC and BMC.

Consumption instruction:

In the application of pultrusion, filament winding, SMC and BMC, LP-300 resin is used along with unsaturated polyester resin in a ratio of 10 to 30% to the total resin. In other uses, this resin should be mixed with polyester resin before consumption and the prepared mixture should be consumed immediately. If the prepared mixture is not used for a long time, mixing should be done again before use.

Stability:

Under the above mentioned storage condition the stability of LP - 300 will be 6 month ex work.

Storage:

LP - 300 should be storage indoors in original Unopened and undamaged containers in a dry place at storage temperature under 25 °C. Exposure to sunlight should be avoided.



Technical information:

Specific	Amount	Unit	Standard
Solvent	Styrene		
Color	Clear		
Solid content	40 ± 2	Percent	ISO 3251
Acid value	Max 1	mg KOH/g	ISO 2114
Viscosity	100 - 300	CPS	ISO 2555
Density	1.05%	g/cm3	ISO 1675

