

### Chemical / physical nature:

UP - 300 is a resin based on orthophthalic anhydride with high viscosity, low reactivity, and high flexibility and light color.

### Major application:

UP-300 is intended for production of SMC, BMC due to its high reactivity. Thixotropic resin can be prepared easily and it is compatible with shrinkage reducing agent. In addition low viscos and medium viscos UP-300 resin can be used in composite materials produced by spray and hand lay-up methods.

### Stability:

Under the above mentioned storage condition the stability of UP-300 will be 4 month ex work.

### Storage:

UP-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		
Appearance	Viscose liquid		
Solid content	70 + 2	Percent	ISO 3251
Acid Value	Max45	mg KOH/g	ISO 2114
Viscosity of SMC,BMC resin	800-1200	CPS	ISO 2555
Density	1.13 + 0.5%	g/cm3	ISO 1676
Gel time*	8-10	min	*
Exothermic Peak	110 - 140	°C	*
Exothermic time	14 - 18	Min	*

\* 100 gr resin UP - 300 with 4 gr cobalt octoate 0.1% metal and 1 gr MEKP at 25°C.