



Orthophthalic unsaturated polyester Resin UP-961

Chemical / physical nature

UP – 961 is an Orthophthalic unsaturated polyester resin with moderate reactivity and viscosity with extremely flexibility. Also This resin has very low viscosity after curing.

Major applications

Because of extremely flexibility of this resin can be used for production of high flexible goods and can add to another polyester for adjusting of flexibility and toughness.

Specification

specific	amount	unit	standard
Solvent	Styrene	-----	-----
Appearance	Clear	-----	-----
Solid content	70 ± 2	Percent	ISO 3251
Acid value	Max 25	mg KOH/g	ISO 2114
Viscosity	200-500	cps	ISO 2555
Density	1.10±0.5%	g/cm ³	ISO 1675
Gel time *	15-20	min	*
Exothermic Peak	100-140	°C	*
Exothermic time	30-40	minute	*

* 100 gr resin UP – 961 with 1 gr cobalt octoate 1% metal and 1 gr MEKP at 25°C.

Storage

UP – 961 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.

Stability

Under the above mentioned storage condition the stability of UP – 961 will be 4 month ex work.