

**ES-71** , is an ortho phthalic base liquid polyester resin, of high reactivity and medium viscosity , which have been pre-accelatorated with amino like additive . The curing is to be obtained using Benzoyl Peroxide ( BP 50%)

### **RESIN CHARACTERISTICS ( BEFORE POLYMERISATION )**

PROPERTY	STANDARD
State	Liquid
Monomer content %	30±3
Viscosity @ 25 °C ( Brookfield viscometer )	725 -1100 centi poises
Aspect	Clear Amber
Specific gravity @ 20 °C	1.13 ± 0.03
Refractive index @ 25 °C	1.54 ± 0.005
Acid index ( mg KOH / g resin )	30 ± 3
Conservation @ 25 °C in closed package min.	6 months

### **POLYMERIZATION CHARACTERISTICS**

The polymerization can also be effected in cold, in this case, the addition of an accelerator is necessary. The following indicates the gel time obtained in standard work conditions, which can serve as an approximate indication.

Catalyst	Temperature	Gel time ( min. )	Peak temp.
BP 2%	25 °C	6 -10	150-180 °C

BP = Benzoyl Peroxide 50%

*Please note that the gel time is the standard that we produce however, we can modify to suite your requirement*

**N.B** *since operating conditions in the user's plant are beyond our control . we cannot assume liabilities which may result from the use of our product .*

*Rev.01*