

SPECIFICATION

Type – Unsaturated Polyester Resin

Grade – Hason HB (Boat Grade)

PROPERTIES OF THE LIQUID RESIN

Sr.	Tests	Result	Method
01	Appearance	Water White	D002
02	Specific Gravity @ 30Deg. C	1.11 $\pm$ 0.02	D001
03	Brookfield @ 25 ° C SP # 2 / 20rpm	400 - 500 Cps	D005
04	*Gel Time	8-10 Min	D006
05	Exotherm Peak	160 C - 170 C	D006
06	Styrene Content	36 $\pm$ 2%	D003
07	Acid Value	25 $\pm$ 5 mg/KOH/gm	D004

Material is Pre accelerated *100 gm Resin +0.5 ml Co (6%)+ 1.5 ml MEKP

PROPERTIES OF THE CURED RESIN

1	Tensile Strength	72 Mpa	ISO 527
2	Elongation at break	2.2 %	ISO 527
3	Flexural Strength	140 Mpa	ISO 178
4	Heat Deflection Temperature	71 C	ISO 75(A)
5	Hardness	40 Barcol	ASTM D 2583