

SPECIFICATION

Type – Unsaturated Polyester Resin

Grade – Hason HF (Filament Winding)

PROPERTIES OF THE LIQUID RESIN

Sr.	Tests	Result	Method
01	Appearance	Water White	D002
02	Specific Gravity @ 25Deg. C	1.12 $\pm$ 0.02	D001
03	Brookfield @ 25 ° C SP # 2 / 20rpm	250 - 300 Cps	D005
04	*Gel Time	6 – 8 Min	D006
05	Exotherm Peak	180 C - 190 C	D006
06	Styrene Content	37-40%	D003
07	Acid Value	16 – 20 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	65 Mpa	ISO 527
2	Elongation at break	4 %	ISO 527
3	Flexural Strength	95 Mpa	ISO 178
4	Heat Deflection Temperature	80 C	ISO 75(A)
5	Hardness	40 Barcol	ASTM D 2583