

SPECIFICATION

Type – Unsaturated Polyester Resin

Grade – Hason SS (Solid Surface)

PROPERTIES OF THE LIQUID RESIN

Sr.	Tests	Result	Method
01	Appearance	Slightly Pink	D002
02	Specific Gravity @ 30Deg. C	1.11 $\pm$ 0.02	D001
03	Brookfield @ 25 ° C SP # 2 / 20rpm	400 - 450 Cps	D005
04	*Gel Time	11 $\pm$ 3 Min	D006
05	Exotherm Peak	160 C - 180 C	D006
06	Styrene Content	34-38 %	D003
07	Acid Value	10-20 mg/KOH/gm	D004

Material is Pre accelerated *100 gm Resin +0.15 ml Co (6%)+ 1.5 ml MEKP

PROPERTIES OF THE CURED RESIN

1	Tensile Strength	80-90 Mpa	ISO 527
2	Elongation at break	3.5-5.5 %	ISO 527
3	Flexural Strength	130-150 Mpa	ISO 178
4	Heat Deflection Temperature	80-90 C	ISO 75(A)
5	Hardness	45-50 Barcol	ASTM D 2583

HASON CHEMTECH PVT. LTD.
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