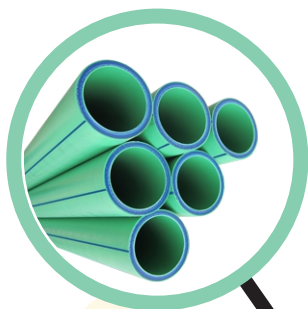




MANUFACTURER OF  
**UNSATURATED POLYESTER RESINS**





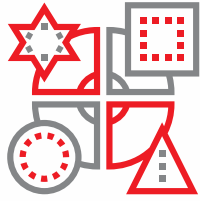
Established in 2012, Sugam Polytech Pvt. Ltd. is engaged in Manufacturer of Unsaturated Polyester Resin, Engineering Stone Resin, GP Resin etc. With the support of our vendors, we are able to provide these products in diverse specifications within the stipulated time period. Owing to the quality of our products, these find widespread application in the packaging and construction



*"Our mission is to be leaders in the manufacturing of an environment friendly Unsaturated Polyester Resin, Engineering Stone Resin, GP Resin etc. We'll Work Hard to Provide Ultra Modern Product to Global Customer"*



*"Our main aim is to offer high quality products to our esteemed clients worldwide at competitive prices and timely delivery of consignments."*



## Segments We Cater



**Engineering  
Stone**



**FRP**



**Putty**



**GP**



**Pultrusion**



**Boat**



**Button**



**DMC & SMC**



**Toys**

## Our Team

- ▶ Quality Control
- ▶ Sales & Marketing Executive
- ▶ Lab Technician
- ▶ Packaging Expert
- ▶ Skilled Labor

## Why Us?

Customer-centric approach high quality products

- ▶ Sophisticated infrastructure
- ▶ Latest Technology Equipment
- ▶ Skilled & dedicated workforce
- ▶ Technical Support
- ▶ Team of experts
- ▶ Competitive prices
- ▶ Timely delivery
- ▶ Prompt services

# Unsaturated Polyester Resin

Packing: Tanker Load, IBC, BARRELS / CARBOS



## **Hason® GP**

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	450 cps ± 100 cps
*Gel Time @ 30° C	7- 10 min
Exotherm Peak	170.0 ± 10 °C
Styrene Content	30.00 - 35.00 %
Acid Value	25.00 ± 5 mg KOH/gm

**\*100gm Resin + 1 ml CO (3%) + 1.5 ml MEKP**

## **Hason® QR (Engineering Stone)**

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	700 ± 100 cps
*Gel Time @ 80° C, Time From 68° C To 80° C	7 - 10 min
Exotherm Peak	210 ± 10 °C
Styrene Content	27 – 32 %
Acid Value	< 20 mg KOH/gm

**\*100gm Resin + 0.3 ml Co ( 6 %) + 0.6 ml Trigonex 21 S**

## **Hason® HF (Filament Winding)**

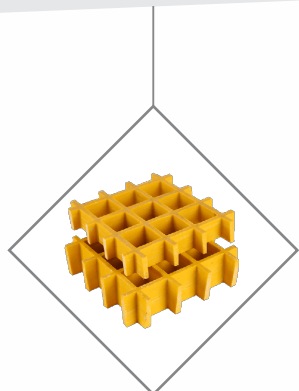
Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	250 ± 50 cps
*Gel Time @ 25° C	8 - 10 min
Exotherm Peak	210 ± 10 °C
Styrene Content	38 ± 2 %
Acid Value	25 ± 2 mg KOH/gm

**\*100gm Resin + 0.5ml Co (6%) + 1.5ml MEKP**



**STORAGE CONDITION :** Unsaturated Polyester Resin Should be stored in closed container away from heat and direct sunlight at a temperature below 25 °C

**SHELF LIFE :** The useful life of the material is at least 3 Months from the date of mfg. subject to recommended storage at control temperature



### ***Hason® ISO (ISO Phthalic)***

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	400 ± 50 cps
*Gel Time @ 25° C	17 ± 3 min
Exotherm Peak	185 ± 10 °C
Styrene Content	40 ± 2 %
Acid Value	17 ± 3 mg KOH/gm

**\*100gm Resin + 0.5ml Co (6%) + 1.5 ml MEKP**



### ***Hason® PR (Pultrution)***

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	1000 ± 100 cps
*Gel Time @ 25° C	8 - 12 min
Exotherm Peak	230 ± 10 °C
Styrene Content	30 ± 3 %
Acid Value	13 - 18 mg KOH/gm

**\*100gm Resin + 0.5ml Co (6%) + 1.5 MEKP**



### ***Hason® PTA (Terephthalic Acid)***

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	350 ± 50 cps
*Gel Time @ 25° C	17 ± 3 min
Exotherm Peak	185 ± 10 °C
Styrene Content	40 ± 2 %
Acid Value	17 ± 3 mg KOH/gm

**\*100gm Resin + 0.5ml Co (6%) + 1.5ml MEKP**

# Unsaturated Polyester Resin

Packing: Tanker Load, IBC, BARRELS / CARBOS

## **Hason® Putty**

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	450 ± 50 cps
*Gel Time @ 30° C	20 – 24 min
Exotherm Peak	185 ± 10 °C
Styrene Content	37 ± 2 %
Acid Value	22 ± 3 mg KOH/gm

**\*100gm Resin + 0.5ml Co (6%) + 1.5ml MEKP**

## **Hason® HB (Boat Grade)**

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	200 ± 50 cps
*Gel Time @ 30° C	4 – 7 min
Exotherm Peak	215 ± 10 °C
Styrene Content	38 ± 2 %
Acid Value	25 ± 3 mg KOH/gm

**\*100gm Resin + 0.5ml Co (6%) + 1.5ml MEKP**

## **Hason® RL (Roof Light)**

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1.15
Viscosity @ 25° C sp#2/20rpm	350 ± 100 cps
*Gel Time @ 30° C	5 – 8 min
Exotherm Peak	180 ± 10 °C
Styrene Content	38 ± 2 %
Acid Value	24 ± 2 mg KOH/gm

**\*100gm Resin + 0.5 ml Co ( 6 %) + 1.5 ml MEKP**

**STORAGE CONDITION :** Unsaturated Polyester Resin Should be stored in closed container away from heat and direct sunlight at a temperature below 25 °C

**SHELF LIFE :** The useful life of the material is at least 3 Months from the date of mfg. subject to recommended storage at control temperature



### ***Hason® Hason- SMC***

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1..15
Viscosity @ 25° C sp#2/20rpm	1200 ± 100 cps
*Gel Time @ 30° C	2 – 4 min
Exotherm Peak	220 ± 10 °C
Styrene Content	30 ± 2 %
Acid Value	24 ± 2 mg KOH/gm

**\*100gm Resin + 1.3 % TBPB @ 140°C**



### ***Hason® SS ( Solid Surface )***

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1..15
Viscosity @ 25° C sp#2/20rpm	400 - 450 cps
*Gel Time @ 25° C	10 - 15 min
Exotherm Peak	145 - 155°C
Styrene Content	35 ± 2 %
Acid Value	24 ± 2 mg KOH/gm

**\*100gm Resin + 0.15 ml Co ( 6 %) + 1.5 ml MEKP**



### ***Hason® Toys***

Tests	Result
Color	Water White/Pale Yellow
Specific Gravity @ 30°C	1.12 – 1..15
Viscosity @ 25° C sp#2/20rpm	300 - 400 cps
*Gel Time @ 30° C	7 - 10 min
Exotherm Peak	175.0 ± 10 °C
Styrene Content	35.00 - 37.00 %
Acid Value	25 ± 2 mg KOH/gm

**\*100gm Resin + 1 ml CO (3%) +1.5 ml MEKP**



## SUGAM POLYTECH PVT. LTD.

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