

PP HI TECH

(Polypropylene High Temperature, High Chemical Sheets)

PP HI TECH sheets are made of revolutionary new Isotactic Poly Propylene which has a high temperature resistance and withstands chemical attacks at elevated temperatures.

The sheets are stress relieved and gives same properties in both transverse and longitudinal direction, therefore, allowing fabrication of sheets into tanks with minimum warping and increased dimensional stability during fabrication process. For more details please refer enclosed statement.

The sheets have a mirror finish on both surface and protected with stiff film to prevent and scratches during transportation and fabrication.

The sheets have excellent rigidity combined with very good welding and machining properties making it ideal for fabrication of large chemical storage tanks, spares for pumps casing, Bushes, Flanges etc.

Applications :

- Chemical Storage Tank
- Electroplating Barrels
- Fume Hoods & Ducting
- Pump Casting & Spares for Pumps
- Impellers

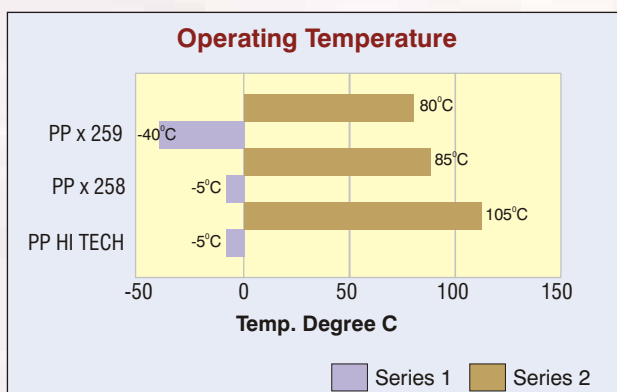
HiTECH

Polypropylene High Temperature, High Chemical Sheets



TECHNICAL DATA SHEET :

| | Method | Unit | Value |
|--|--------------|-------------------|----------|
| Density | ISO 1183 | g/cm ³ | 0.91 |
| Tensile Strength at Yield | ISO 527-1,-2 | MPa | 32 |
| (23 Degree C v = 50 mm/min) | ISO 899-1 | MPa | 1250 |
| Charpy unnotched impact strength (23°C) | ISO 179 | Kj/m ² | No break |
| Charpy Notched Impact strength (23°C) | ISO 179 | Kj/m ² | 9 |
| Shore hardness (Shore D (3 Sec)) | ISO 868 | - | 71 |
| Ball indentation hardness (H 358/30) | ISO 2039-1 | MPa | 67 |
| Heat deflection temperature B (0.45 Mpa) | ISO 75B-1,2 | Degree C | 90 |
| Vicat softening temperature (VST/A/50 K/h(10 N)) | - | Degree C | 150 |



Operating temperatures are recorded with no aggressive chemicals in Contact with Polypropylene.



Delivery Programme :

| Width | Length | Thickness |
|-------|--------|---------------------------------------|
| 1230 | 2150 | 10 mm to 100 mm |
| 1230 | 4330 | 10 mm to 100 mm |
| 1250 | 2000 | 1 mm to 20 mm |
| 1000 | 2000 | 1 mm to 30 mm |
| 1250 | 10,000 | 1.5 mm to 5 mm in PP Hi Tech GL Rolls |

Colours are available in RAL 7032

For further details, please contact :

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