

GPPS 1028 Technical Datasheet

1) Product Description:

General Purpose Polystyrene (GPPS) 1028 is manufactured by continuous mass polymerization of styrene monomer. It has very high molecular weight, high heat grade, high melt strength, good clarity and mechanical strength.

2) Applications:

It is recommended for Polystyrene sheets and extruded embossed sheets, BOPS sheet, Insulation board, Foamed sheets for thermoforming of fruit trays, meat trays, egg boxes, and it is suitable for food applications.

3) Typical data:

| Property | Test method | Unit | Value |
|---|-------------|-------------------|-------|
| Melt flow rate @200°C & 5 kg load | D1238 | g/10min | 2.4 |
| Tensile strenght | D638 | Mpa | 55 |
| Flexural modulus | D790 | Mpa | 3200 |
| Charpy impact strength(un notched) | D256 | Kj/m ² | 11 |
| Vicat softening point @120°C,1 kg (min) | D1525 | °C | 102 |

* Typical values not to be construed as specifications