



Technical Datasheet: GPPS 1028

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.

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.

Typical data:

Property	Test method	Unit	value
Melt flow rate @120°C & 5 kg load	ASTM D1238	g/10min	2.8
Tensile strength	D638	Mpa	55
Flexural modulus	D790	Mpa	2200
Charpy impact strength(un notched)	D256	Kj/m ²	11
Vicat softening point @120°C, 1 kg (min)	D1545	°C	102