

## Polystyrene

### Product description

Product	<b>High impact polystyrene for extrusion</b>
Properties	HIPS gives excellent processing in extrusion (thermoforming) with good finished product dimensional stability.
Applications	It use for refrigerator liners for refrigerator inserts and door paneling.it use for packaging applications for oily food and dairy products .and for sheet extrusion application.

### Physico-chemical properties

Characteristic	Test Method	Unit	Value
Packing	GPPS 1144 is supplied in the form of cylindrical of approximately 2.5 × 2.5 mm.		
Melt flow rate ( 200° C, 5 kg load)	ASTM D 1238	g/10min	4.4
Tensile strength	ASTM D638	MPa	30
Flexural modulus	ASTM D790	MPa	2100
Charpy impact strength	ISO 180	Kj/m <sup>2</sup>	11.5
Vicat softening point at 120° C, 1kg, min	ASTM D1525	° C	92

### Packing