

## Product Data Sheet

GPPS 1038

General purpose polystyrene, Extrusion and Molding

### Product Description

General purpose polystyrene GPPS 1038 is manufactured by continuous mass polymerization of styrene monomer.

It is a crystal-like , its suitable for use on its own or in blends with impact poly styrene both for extrusion and injection molding.

### Applications:

It is recommended for manufacture of packaging applications and house hold applications and petri dishes And XPS sheets and plates

properties	unit	value	ASTM method
<b>physical</b>			
Melt flow rate @200 C & 5 kg load	g/10min	3.1	D1238
<b>Mechanical properties</b>			
Tensile strenght	Mpa	55	D638
Flexural modulus	Mpa	3100	D790
Charpy impact strength	Kj/m <sup>2</sup>	10	D256
<b>Thermal properties</b>			
Vicat softening point @120 C,1 kg(min)	C	101	D1525

Note: All mechanical properties measured under standard conditions 50% RH and 23C.

### Packing:

GPPS 1038 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.

### Regulatory information:

It is responsibility of the manufacturers of food contact articles and industrial food packers to make sure the article in their actual use are in compliance with the imposed migration requirements.