

# GPSS 1067

General Purpose Polystyrene for  
Molding and Extrusion

## Product description:

General purpose polystyrene GPSS 1067 is manufactured by continuous mass polymerization of styrene monomer.

It has medium heat grade , medium melt strength , good clarity and mechanical strength.

## Typical applications:

It is recommended for house ware,containers,drinking cup ,tableware ,optical parts, plastic bangles, cosmetic packing parts ,stationery products,isolation and XPS sheets and plates

## Typical data:

properties	unit	value	ASTM method
<b>physical</b>			
Melt flow rate @200°C & 5 kg load	g/10min	5.5	D1238
<b>Mechanical properties</b>			
Tensile strenght	Mpa	55	D638
Flexural modulus	Mpa	3200	D790
Charpy impact strength(un notched)	Kj/m <sup>2</sup>	9	D256
<b>Thermal properties</b>			
Vicat softening point @120°C,1 kg(min)	C	100	D1525

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

## Packing:

GPSS 1067 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.

Edit date : 01/04/2021