

# GPSS 1028

General Purpose Polystyrene for  
Extrusion and Molding

## Product description:

General purpose polystyrene GPSS 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.

## Typical applications:

It is recommended for XPS sheets and plates, and extruded embossed sheets, and its suitable for food applications.

## Typical data:

Properties	Unit	value	ASTM method
<b>Physical</b>			
Melt Flow Index (200°C - 5 kg)	g/10min	2.4	D1238
<b>Mechanical Properties</b>			
Tensile Strength	MPa	55	D638
Flexural Modulus	MPa	3200	D790
Izod Impact (Notched)	KJ/m <sup>2</sup>	3	ISO 180
<b>Thermal Properties</b>			
Vicat Softening Point (50°C/hr,1 kg)	C	102	D1525

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

## Packing:

GPSS 1028 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. The product 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.

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