

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 . to make sure the article in their actual use are in compliance with the imposed migration requirements.

Typical data:

properties	unit	value	ASTM method
physical			
Melt flow rate @200°C & 5 kg load	g/10min	2.4	D1238
Mechanical properties			
Tensile strength	Mpa	55	D638
Flexural modulus	Mpa	3200	D790
Charpy impact strength(un notched)	Kj/m ²	11	D256
Thermal properties			
Vicat softening point @120°C,1 kg(min)	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 2.5x2.5 mm. the material can be supplied in either 25 kg bags.

Edit date: 01/04/2021