

GPSS 1084

General Purpose Polystyrene for
Injection molding

Product description:

General purpose polystyrene GPSS 1084 is manufactured by continuous mass polymerization of styrene monomer.

It has high molecular weight, medium melt strength , good clarity and mechanical strength.

Typical applications:

It is recommended for food contact consumer good,cups,dishes.

Typical data:

properties	unit	value	ASTM method
physical			
Melt flow rate @200°C & 5 kg load	g/10min	8	D1238
Mechanical properties			
Tensile strenght	Mpa	50	D638
Flexural modulus	Mpa	3100	D790
Charpy impact strength(unnotched)	Kj/m ²	10	D256
Thermal properties			
Vicat softening point @120°C/hr,1 kg(min)	C	91	D1525

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

Packing:

GPSS 1084 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