

# GPPS 1144

General Purpose Polystyrene  
For Injection

## Product description:

General purpose polystyrene GPPS 1144 is manufactured by continuous mass polymerization of styrene monomer.

## Typical applications:

It is recommended for packing articles, petri dishes, office equipments, pen barrels.

## Typical data:

properties	unit	value	ASTM method
<b>physical</b>			
Melt flow rate @200°C & 5 kg load	g/10min	14	D1238
<b>Mechanical properties</b>			
Tensile strength	Mpa	40	D638
Flexural modulus	Mpa	2900	D790
<b>Thermal properties</b>			
Vicat softening point @120°C,1 kg(min)	C	92	D1525

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

## Packing:

GPPS 1144 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.

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