

GPPS 1115

General Purpose Polystyrene for
Extrusion and Injection

Product description:

General purpose polystyrene GPPS 1115 is manufactured by continuous mass polymerization of styrene monomer.

Typical applications:

It is recommended for packing articles, petri dishes, office equipments, pen barrels, crisper boxes for refrigerators, cups, food containers gloss layer coextrusion.

Typical data:

properties	unit	value	ASTM method
physical			
Melt flow rate @200°C & 5 kg load	g/10min	11	D1238
Mechanical properties			
Tensile strenght	Mpa	42	D638
Flexural modulus	Mpa	3100	D790
Thermal properties			
Vicat softening point @120°C, 1 kg(min)	C	91	D1525

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

Packing:

GPPS 1115 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