

# 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 |
|--|---------|-------|-------------|
| <b>physical</b>                        |         |       |             |
| Melt flow rate @200°C & 5 kg load      | g/10min | 11    | D1238       |
| <b>Mechanical properties</b>           |         |       |             |
| Tensile strenght                       | Mpa     | 42    | D638        |
| Flexural modulus                       | Mpa     | 3100  | D790        |
| <b>Thermal properties</b>              |         |       |             |
| 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:10/17/2017