



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 |
|--|---------|-------|-------------|
| physical | | | |
| Melt flow rate @200°C & 5 kg load | g/10min | 14 | D1238 |
| Mechanical properties | | | |
| Tensile strenght | Mpa | 40 | D638 |
| Flexural modulus | Mpa | 2900 | D790 |
| Thermal properties | | | |
| 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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