GPPS

1077

Product description:

General purpose polystyrene GPPS 1077 is manufactured by continuous mass polymerization of styrene monomer.

It has medium heat grade , medium melt strength , good clarity and mechanical strength.

Typical applications:

It is recommended for house ware,containers,drinking cup,table ware,optical parts,plastic bangles, cosmetic packing parts ,stationery products and XPS sheets and plates.

Typical data:

properties	unit	value	method ASTM
physical			
Melt flow rate @200°C & 5 kg load	g/10min	7	D1238
Mechanical properties			
Tensile strenght	Mpa	52	D638
Flexural modulus	Mpa	3100	D790
Charpy impact strength(un notched)	Kj/m2	8	D256
Thermal properties			
Vicat softening point @120°C,1 kg(min)	C	100	D1525

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

Packing:

GPPS 1077 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.