



## GPPS

### GPPS 1084

Product description:

General purpose polystyrene GPPS 1084 is manufactured by continuous mass polymerization of styrene monomer.

It has high molecular weight, medium melt strength, good clarity and mechanical strength.

Typical applications:

It is recommended for food contact consumer good, cups, dishes.

#### Typical data:

PROPERTIES	UNIT	VALUE	ASTM METHOD
physical			
Melt flow rate @200°C & 5 kg load	g/10min	8	D1238
Mechanical properties			
Tensile strength	Mpa	50	D638
Flexural modulus	Mpa	3100	D790
Charpy impact strength(unnotched)	Kj/m <sup>2</sup>	10	D256
Thermal properties			
Vicat softening point @120°C/hr,1 kg(min)	C	91	D1525

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

Packing:

GPPS 1084 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.

# SURIN