



## GPPS

### GPPS 1028

#### Product description:

General purpose polystyrene GPPS 1028 is manufactured by continuous mass polymerization of styrene monomer.

It has very high molecular weight , high heat grade , high melt strength , good clarity and mechanical strength.

#### Typical applications:

It is recommended for XPS sheets and plates, and extruded embossed sheets, and its suitable for food applications . to make sure the article in their actual use are in compliance with the imposed migration requirements.

#### Typical data:

PROPERTIES	UNIT	VALUE	ASTM METHOD
physical			
Melt flow rate @200°C & 5 kg load	g/10min	2.4	D1238
Mechanical properties			
Tensile strenght	Mpa	55	D638
Flexural modulus	Mpa	3200	D790
Charpy impact strength(un notched)	Kj/m2	11	D256
Thermal properties			
Vicat softening point @120°C,1 kg(min)	C	102	D1525