GPPS

GPPS 1034

Product description:

General purpose polystyrene GPPS 1034 is manufactured by continuous mass polymerization of styrene monomer.

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

Typical applications:

It is recommended for food contact consumer good, cups and other products by in line extrusion and XPS sheets and plates.

Typical data:

PROPERTIES	UNIT	VALUE	ASTM METHOD
physical			
Melt flow rate @200°C & 5 kg load	g/10min	3.1	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	90	D1525

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

Packing:

GPPS 1034 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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