GPPS

GPPS 1047

Product description:

General purpose polystyrene GPPS 1047 is a high molecular weight crystal polystyrene which allows maximum dilution rates with high impact polystyrene grades.

In dilution , polystyrene crystal 1047 gives excellent processing in both extrusion and thermoforming with good finished product.shrinkage.

Typical applications:

It is recommended for cups and other products by in line extrusion/thermoforming foamed trays by direct gassing , dairy sheets , CD boxes , toys , office equipment.

Typical data:

properties	unit	value	ASTM method
physical			
Melt flow rate @200 C & 5 kg load	g/10min	4.2	D1238
Mechanical properties			
Tensile strenght	Mpa	50	D638
Flexural modulus	Mpa	3100	D790
Charpy impact strength	Kj/m²	10	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 1047 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.

Regulatory information:

It is responsibility of the manufacturers of food contact articles and industrial food packers to make sure the article in their actual use are in compliance with the imposed migration requirements.