

Product Data Sheet

HIPS-4125

High Impact Polystyrene for Injection and Molding

Product Description

HIPS-4125 gives excellent processing in injection with good finished product dimensional stability. also we can use this grade for extrusion processing.

Applications:

It use for house hold, toys and food containers.

properties	unit	value	ASTM method
physical			
Melt flow rate @200°C & 5 kg load	g/10min	12	D1238
Mechanical properties			
Tensile strenght	Mpa	30	D638
Flexural modulus	Mpa	2600	D790
Charpy impact strength	Kj/m ²	6.3	ISO 180
Thermal properties			
Vicat softening point @120°C,1 kg	°C	93	D1525

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

Packing:

GPPS 1144 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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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.