



GENERAL PURPOSE POLYSTYRENE FOR EXTRUSION AND MOLDING

GPPS 1038

Product description:

General purpose polystyrene GPPS 1038 is manufactured by continuous mass polymerization of styrene monomer. It is a crystal-like, suitable for use on its own or in blends with impact polystyrene both for extrusion and injection molding.

Typical applications:

It is recommended for manufacture of packaging applications and household applications and petri dishes 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 strength	Mpa	55	D638
Flexural modulus	Mpa	3100	D790
Charpy impact strength	Kj/m ²	10	D256
Thermal properties			
Vicat softening point @120 C, 1 kg(min)	C	101	D1525

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



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Packing:

GPPS 1038 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.

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