



Product specification  
**GPPS-1047**

Analysis	unit	Limit	test method
MELT FLOW INDEX(200 °C -5KG)	G/10 MIN	3.8	ASTM D-1238
TENSILE STRENGTH	MPA	50	D-638
FLEXURAL MODULUS	MPA	3100	D-790
CHARPY IMPACT STRENGTH (un notched)	KJ/M2	10	ASTM D-256
VICAT SOFTENING POINT @120 °C , 1 KG	C	99	ASTM D-1525

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

**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 dimensional stability.

**Typical applications:**

It is recommended for cups and other products by in line extrusion/then no forming, foamed trays by direct gassing, dairy sheets, CD boxes, toys, office equipment.

**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 manufactures 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.