



GPSS 1047

Product Description:

General purpose polystyrene GPSS 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.

Application:

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

PROPERTY	VALUE	UNIT	TEST METHO D
Melt Flow Rate (200°C/5KG)	3.8 - 4.3	g/10 min	D1238
Tensile Strength	50	Mpa	D638
Flexural modulus	3100	Mpa	D790
Charpy impact strength (Unnotched)	10	Kj/m ²	D256
Vicat softening point at 120°C, 1kg	99	°C	D1525

All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.