



GPSS 0503

Product Description:

General purpose polystyrene GPSS 0503 is a high molecular weight crystal polystyrene which allows maximum dilution rates with high impact polystyrene grades. In dilution, polystyrene crystal 0503 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 METHOD
MFI (200°C/5Kg)	3.8 - 4.3	g/10 min	ASTM D1238
Tensile strength @ Break	50	Mpa	ASTM D638
Flexural modulus	3100	Mpa	ASTM D790
Vicat softening point	Min100	°C	ASTM D1525
Water Absorption	<0.1	%	ASTM D570
Styrene Residual Monomer (ATOFINA TEST METHOD)	<500	PPM	CLGLABPSG004
Water Adsorption	<0.1	%	ASTM D570

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