



GPPS 0402

Product Description:

General purpose polystyrene GPPS 0402 is manufactured by continuous mass polymerization of styrene monomer. It has very high molecular weight, high heat grade, high melt strength, good clarity and mechanical strength.

Application:

It is recommended for Polystyrene sheets and extruded embossed sheets, shower cabinets, lighting thin films, insulation boards, foam sheet of fruits trays, meat trays, egg boxes, and it's suitable for food applications.

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Rate (200°C/5Kg)	1.6-2.8	g/10min	ASTM D1238
Tensile strength at Break	48-54	Mpa	ASTM D638
Flexural modulus	3200	Mpa	ASTM D790
Vicat softening point at 120 °C, 1kg	101-105	°C	ASTM D1525
Rockwell Hardness	SCALE /L70	°C	ASTM D1525
Styrene Residual Monomer	<500	PPM	CLG LABPSG004 (ATOFINA TEST METHOD)

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