

GPPS 3160 Technical Datasheet

Product Description:

G 3160 is a high molecular weight general purpose polystyrene combining high heat resistance and good mechanical strength. G 3160 is suitable for direct gassing extrusion, biaxially oriented film and sheet, glass clear sheets and panels. Also used in injection molding of medium wall-thickness transparent parts. Thanks to G 3160, injected items will be bright and neutral colored in line with the most sophisticated market needs.

Processing Conditions:

- Extrusion: suggested temperature around 240°C
- Injection molding: pre-drying normally not required, melt temperature 220-270°C
- mold temperature 20-60°C

Features:


Property	Test method	Unit	value
Melt Flow Rate (200°C-5kg)	ISO 1133	g/10min	2-3.5
Residual Styrene Monomer	ISO 2561	PPM	<500
Vicat Softening Temperature (50 °C/hr 1 kg)	ISO 306/A	°C	>104


Typical Application: G 3160 is suitable in a large variety of sectors such as:

- Foamed packaging trays, clear panels for shower cubicles, insulation boards (XPS), clear molded fridge components and medical items.



 Unit 302, Sheydayee BLD, Sazman AB, Tehranpars

 <https://irplastics.com/en>

 +98-21-77784838

