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JAM PETROCHEMICAL COMPANY

GENERAL PURPOSE POLYSTYRENE GPPS 3160

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.

Producer	Characteristic Properties	Applications
JAM petrochemical company	high heat resistance and good mechanical strength	Foamed packaging trays, clear panels for shower cubicles, insulation boards (XPS), clear molded fridge components and medical items.

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
MELT FLOW RATE (200°C-5KG)	g/10min	2-3.5	ISO 1133
RESIDUAL STYRENE MONOMER	PPM	<500	ISO 2561
VICAT SOFTENING POINT (50 °C/hr 1kg)	°C	>104	ISO 306/A

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

Storage:

Store away from atmospheric agents and direct sunlight, away from sources of heat and light. The product, if stored correctly, keeps its characteristics for at least fifteen months.