

B1101

Polypropylene (PP)

Description:

B1101 is a Homo-Polypropylene (Homo-PP), with low melt flow index for using in extrusion blow molding and sheet extrusion process. The features are general purpose for vacuum and pressure forming. It's suitable for bottles, meat & product trays, refrigerator parts, sheet and strapping, and etc.

Typical applications;

Extrusion: bottles, meat & product trays, refrigerator parts, sheet and strapping, etc.

Physical Properties:	Method	Unit	Value
Density	ASTM D792	g/cm ³	0.90
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min.	0.90
Tensile Strength at Yield	ASTM D638	MPa	38
Notched Izod Impact Strength (at 23°C)	ASTM D256	J/m	60
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1600
Heat Distortion Temperature @ 4.6 kg	ASTM D648	°C	100

Processing Technique

Processing Temperature : 190 - 240 °C

However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.