B1101

Polypropylene (PP)

Description:

B1101 is a Homo-Polypropylene (Homo-PP). It is a PP which has 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, etc.

Typical applications;

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

Physical Properties:	Method	Unit	Value
Density	ISO1183	g/cm^3	0.90
Melt Flow Index (2.16 kg/230°C)	ISO1133	g/10min.	0.90
Tensile Strength at Yield	ISO 527-1	MPa	37
Charpy Notched Impact Strength (at 23°C)	ISO179	kJ/m^2	8.8
Flexural Modulus (1% SECANT)	ISO178	MPa	1800
Heat Distortion Temperature @ 4.6 kg	ISO75	°C	110

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 suitable of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.

Provisional Data Sheet

REV. 20170301

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