

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

IRPC

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