

## POLIMAXX B1101

IRPC Public Company Limited - *Polypropylene Homopolymer*

### General Information

#### Product 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.

#### General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• General Purpose	• Homopolymer	• Low Flow
Uses	• Appliance Components • Bottles	• General Purpose • Sheet	• Strapping • Trays
Processing Method	• Extrusion Blow Molding	• Sheet Extrusion	

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5510	psi	ASTM D638
Flexural Modulus - 1% Secant	232000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.1	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	212	°F	ASTM D648

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	374 to 464	°F

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

