

# Polyfort POLYPROPYLENE PP 1329-31 BLACK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

PP Medium Impact Unfilled

### General

- |                   |                            |
|-------------------|----------------------------|
| Features          | • Medium Impact Resistance |
| Processing Method | • Injection Molding        |

## Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.912		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	3920	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	650	%	ASTM D638
Flexural Modulus <sup>3</sup>	160000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.4	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	190	°F	ASTM D648

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Injection Rate	Moderate-Fast	

### Notes

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

<sup>2</sup> 20 in/min

<sup>3</sup> 0.051 in/min