

# Polyfort POLYPROPYLENE PP 1692-01 NATURAL

LyondellBasell Industries - Polypropylene Impact Copolymer

## General Information

### Product Description

Polyfort PP 1692 is an exceptional high impact copolymer with high flow for appearance parts. This material is available in Natural.

### General

Features	• High Flow	• High Impact Resistance	• Impact Copolymer
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Compounding	• Injection Molding	

## 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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield, 0.126 in, Injection Molded)	3510	psi	ASTM D638
Tensile Elongation (Yield, 0.126 in, Injection Molded)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant (0.126 in, Injection Molded)	160000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in, Injection Molded)	> 9.9	ft-lb/in	ASTM D256
Gardner Impact (-22°F)	219	in-lb	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ASTM D648

### Notes

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

<sup>2</sup> 2.0 in/min