

# Polyfort POLYPROPYLENE PP 2407-01 NATURAL

LyondellBasell Industries - Polypropylene Impact Copolymer

## General Information

### Product Description

PP 2407 is a low-flow, impact resistant, good stiffness copolymer polypropylene. Material can be utilized in extrusion, blow molding and injection applications.

### General

Features	• High Impact Resistance	• Impact Copolymer	• Low Flow
Uses	• Coating Applications	• Profiles	• Tubing
Forms	• Pellets		
Processing Method	• Blow Molding • Compounding	• Extrusion • 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)	0.80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Break)	3500	psi	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	145000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	No Break		ASTM D256
Unnotched Izod Impact (73°F)	No Break		ASTM D4812
Gardner Impact (73°F)	300	in·lb	ASTM D5420
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	169	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	122	°F	ASTM D648

### Notes

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

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