

Polyfort POLYPROPYLENE PP 1277A-01NAT

LyondellBasell Industries - Polypropylene Impact Copolymer

General Information

Product Description

Polyfort PP 1277A-01 is a low-flow, high-impact polypropylene for film, profile, tubing and coating, which require a material with the physical properties typical of those summarized below:

General

Features	• High Impact Resistance	• Impact Copolymer	• Low Flow
Uses	• Coating Applications	• Profiles	
	• Film	• Tubing	
Forms	• Pellets		
Processing Method	• Blow Molding	• Extrusion	• Sheet Extrusion
	• Compounding	• Injection Molding	

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	4210	psi	ASTM D638
Tensile Elongation ² (Yield)	11	%	ASTM D638
Flexural Modulus	210000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	No Break		ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	78		ASTM D785

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min