

Polyfort POLYPROPYLENE PP 984-01 NAT

LyondellBasell Industries - Polypropylene Impact Copolymer

General Information

Product Description

PP 984 is a medium impact polypropylene used primarily for automotive parts subjected to impact. It is available in colors.

General

Features	<ul style="list-style-type: none"> Impact Copolymer Medium Impact Resistance
Uses	<ul style="list-style-type: none"> Automotive Applications
Appearance	<ul style="list-style-type: none"> Colors Available
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	3630	psi	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus	145000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft-lb/in	ASTM D256
Gardner Impact (-22°F)	95.6	in-lb	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	194	°F	ASTM D648
Flammability	Nominal Value	Unit	
Burning Rate	< 3.9	in/min	

Notes

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

² 2.0 in/min