

Polyfort PP6D0HBYL41YEW

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

PP6D0HBYL41 is an Unfilled, High Impact Polypropylene, Yellow Color

General

Features	• High Impact Resistance
Appearance	• Yellow
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	2680	psi	ASTM D638
Flexural Modulus	160000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	13	ft-lb/in	ASTM D256
Gardner Impact	179	in-lb	ASTM D5420

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180 to 219	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	351 to 450	°F
Middle Temperature	351 to 450	°F
Front Temperature	351 to 450	°F
Processing (Melt) Temp	379 to 450	°F
Mold Temperature	70 to 120	°F
Injection Rate	Moderate	
Back Pressure	20.0 to 300	psi
Cushion	0.250 to 0.500	in