

Polyfort PP5A0UV-4A566GRY

LyondellBasell Industries - Polypropylene Impact Copolymer

General Information

Product Description

PP5A0 is an Unfilled, High Impact, UV Stabilized, Polypropylene Copolymer

General

Additive	• UV Stabilizer
Features	• Copolymer • UV Stabilized
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	3210	psi	ASTM D638
Flexural Modulus - Tangent	149000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	13	ft·lb/in	ASTM D256
Gardner Impact	175	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