

# Polyfort PPC-0310 BKBLK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

Impact Modified Polypropylene  
 Add "U" for UV Stabilized  
 Add "H" for Heat Stabilized  
 Meets GMP.PP.086R

### General

Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Black
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.910		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4290	psi	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	99900	psi	ASTM D790
Flexural Strength	5000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	2.8	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	120	°F	ASTM D648

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F