

# Polyfort TPP10AT22BK-BKBLK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

TPP10AT22BK-BK is a 10% Talc-Filled, UV Stabilized, Impact Modified Polypropylene, Black

### General

Filler / Reinforcement	• Talc, 10% Filler by Weight
Forms	• Pellets
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.930		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2810	psi	ISO 527-2
Flexural Modulus	144000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	19	ft-lb/in <sup>2</sup>	ISO 179
Notched Izod Impact (73°F)	24	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	131	°F	ISO 75-2/A

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180 to 219	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	351 to 430	°F
Middle Temperature	351 to 430	°F
Front Temperature	351 to 430	°F
Processing (Melt) Temp	390 to 441	°F
Mold Temperature	70 to 120	°F
Injection Rate	Moderate	
Back Pressure	20.0 to 300	psi
Cushion	0.250 to 0.500	in