

# Polyfort TPP2B20HSUVBK55BLK

## LyondellBasell Industries - Polypropylene Homopolymer

### General Information

#### Product Description

TPP2B20HSUVBK55 is a 20% Talc-Filled, Heat and UV Stabilized Polypropylene Homopolymer

#### General

Filler / Reinforcement	• Talc, 20% Filler by Weight		
Additive	• Heat Stabilizer	• UV Stabilizer	
Features	• Heat Stabilized	• UV Stabilized	
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	4640	psi	ISO 527-2
Flexural Modulus - Chord	296000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.2	ft-lb/in <sup>2</sup>	ISO 180

### 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