

# Polyfort TPP30AJ41BK-BKBLK

LyondellBasell Industries - Polypropylene Homopolymer

## General Information

### Product Description

Meets/Exceeds Ford Engineering Specification WSS-M4D939-A1.  
 Primary end use is for AC/heater housings.

### General

Filler / Reinforcement	• Talc, 30% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized • Homopolymer
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
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Density	1.14	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
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Tensile Stress (Yield, 73°F)	4090	psi	ISO 527-2
Flexural Modulus	493000	psi	ISO 178

Impact	Nominal Value	Unit	Test Method
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Notched Izod Impact Strength			ISO 180
-40°F	1.0	ft-lb/in <sup>2</sup>	
73°F	1.3	ft-lb/in <sup>2</sup>	

Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (66 psi, Unannealed)	252	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	176	°F	ISO 75-2/A

## Processing Information

Injection	Nominal Value	Unit
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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