



Polyfort TPP20AC16BK-BKBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Meets/Exceeds Ford Engineering Specification ESH-M4D293-A.
 Primary end use is for blower wheels and similar components.

General

Filler / Reinforcement	• Talc, 22% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized • Homopolymer
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.08		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	4410	psi	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	363000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.56	ft-lb/in	ASTM D256
Unnotched Izod Impact (73°F)	8.8	ft-lb/in	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	246	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	154	°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