Polyfort TPP20AJ36BK-BKBLK

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

Meets/Exceeds Ford Engineering Specification WSS-M4D729-A3.
Primary end use is for instrument cluster masks.

General

Filler / Reinforcement	• Talc, 20% 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	1.06	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 73°F)	4470	psi	ISO 527-2
Flexural Modulus	406000	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength			ISO 180
-40°F	0.86	ft·lb/in²	
73°F	1.1	ft·lb/in²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (66 psi, Unannealed)	268	°F	ISO 75-2/B
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	180	°F	

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