

Polyfort TPP20AO06WH-WHWHI

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

20% Talc Filled, UV Stabilized Polypropylene Copolymer, White

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.06		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	4500	psi	ASTM D638
Flexural Modulus	345000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.2	ft·lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	399 to 410	°F
Middle Temperature	410 to 415	°F
Front Temperature	415 to 421	°F
Nozzle Temperature	421 to 424	°F
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Back Pressure	20.0 to 50.0	psi
Screw Speed	100 to 150	rpm
Clamp Tonnage	2.0 to 3.0	tons/in ²