

Polyfort NPP00GD14NANAT

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

Polyfort NPP00GD14NANAT is a Polypropylene Copolymer material and is typically used in Injection Molding applications. Features include: Copolymer.

General

Features	• Copolymer
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	3100	psi	ASTM D638
Tensile Elongation (Break, 73°F)	400	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F	114000	psi	
Tangent : 73°F	117000	psi	
Flexural Strength (Yield, 73°F)	3700	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.7	ft-lb/in	ASTM D256
Unnotched Izod Impact (73°F)	21	ft-lb/in	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	170	°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