

Polyfort NPP00GE07NA-NANAT

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

Polyfort NPP00GE07NA-NANAT 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)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	3210	psi	ASTM D638
Tensile Elongation (Break, 73°F)	300	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F	140000	psi	
Tangent : 73°F	149000	psi	
Flexural Strength (Yield, 73°F)	3700	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	No Break		ASTM D256
Gardner Impact	250	in·lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	160	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	120	°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