

Technical Data Sheet

***Polyfort* NPP00GE07NA-NANAT**



Polypropylene Copolymer

Product Description

Polyfort NPP00GE07NA-NANAT is a Polypropylene Copolymer material and is typically used in Injection Molding applications. Features include: Copolymer.

Processing Method Injection Molding

Attribute Copolymer

Forms Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	1.6	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (23 °C)	22.1	MPa	ASTM D638
Flexural Strength at Yield, (23 °C)	25.5	MPa	ASTM D790
Flexural Modulus			
(23 °C, 1% Secant)	965	MPa	ASTM D790
(23 °C, Tangent)	1030	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	300	%	ASTM D638
Impact			
Gardner Impact	28.2	J	ASTM D5420
Notched Izod Impact, (23 °C)	No Break		ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	48.9	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	71.1	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C