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Technical Data Sheet

Polyfort NPP00GD14NANAT

Polypropylene Copolymer

Product Description

Polyfort NPP00GD14NANAT 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)	19	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield, (23 °C)	21.4	MPa	ASTM D638
Flexural Strength at Yield, (23 °C)	25.5	MPa	ASTM D790
Flexural Modulus			
(23 °C, 1% Secant)	786	MPa	ASTM D790
(23 °C, Tangent)	807	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	400	%	ASTM D638
Impact			
Unnotched Izod Impact, (23 °C)	1100	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	91	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	76.7	°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