Technical Data Sheet

Ferro Pp NPP00NP01NA

Polypropylene
LyondellBasell Industries
Engineering Plastics

General	
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	4.0 g/10 min	4.0 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (Yield)	2300 psi	15.9 MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0 %	9.0 %	
Break	330 %	330 %	
Flexural Modulus	55000 psi	379 MPa	ASTM D790
Flexural Strength (Yield)	2400 psi	16.5 MPa	ASTM D790
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Durometer Hardness (Shore D)	55	55	ASTM D2240
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Vicat Softening Temperature	220 °F	104 °C	ASTM D1525

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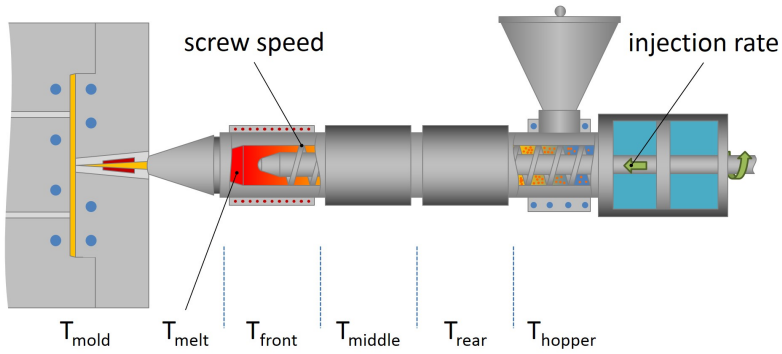

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Processing (Melt) Temp	428 to 500 °F	220 to 260 °C
Mold Temperature	86 to 140 °F	30 to 60 °C

Notes

These are typical property values not to be construed as specification limits.