

Technical Data Sheet

# Ferro Pp NPP00NP02NA

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	0.910	0.908 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	1700 psi	11.7 MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0 %	9.0 %	
Break	450 %	450 %	
Flexural Modulus	25000 psi	172 MPa	ASTM D790
Flexural Strength (Yield)	800 psi	5.52 MPa	ASTM D790

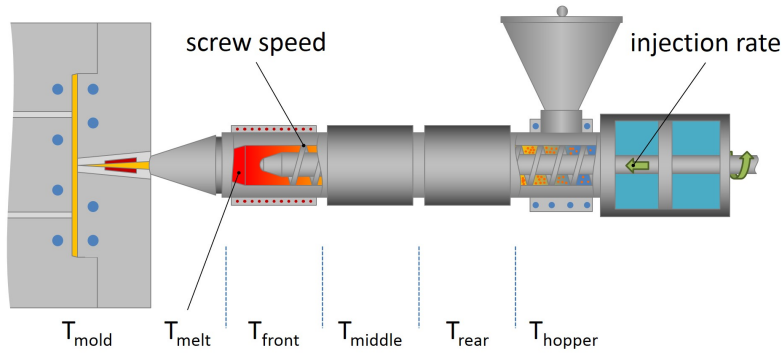
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	27	27	ASTM D2240

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	135 °F	57.2 °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.