



Technical Data Sheet

**Ferro Pp TPP1A40HBNA**

Polypropylene  
LyondellBasell Industries  
Engineering Plastics

**General**

Forms	• Pellets
Processing Method	• Injection Molding

**Physical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR)	4.0 g/10 min	4.0 g/10 min	ASTM D1238

**Mechanical**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4450 psi	30.6 MPa	ASTM D638
Flexural Modulus	590000 psi	4070 MPa	ASTM D790

**Impact**

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.62 ft-lb/in	33 J/m	ASTM D256

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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.