

Technical Data Sheet

Polyfort FERRO PPH TPP40AC27 NAT



Polypropylene, Homopolymer

Product Description

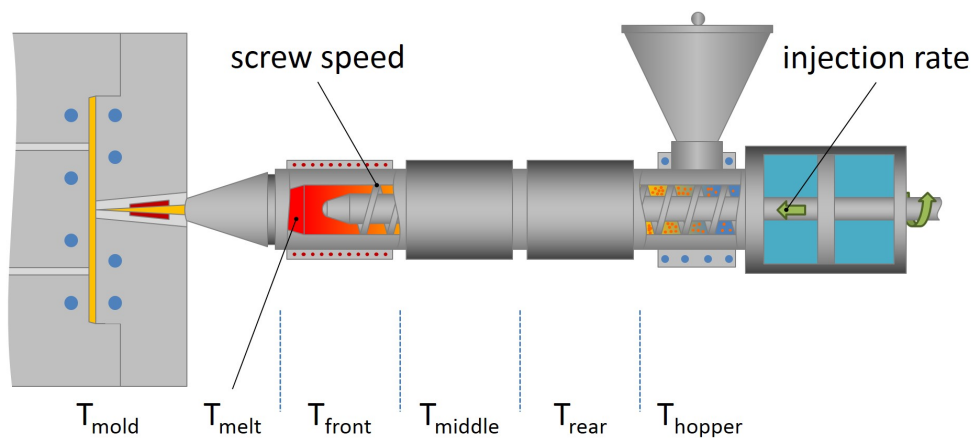
Meets/exceeds DaimlerChrysler Engineering Standard MS-DB532 Type C. Primary end use is for parts requiring stiffness and dimensional stability.

Regulatory Status

For regulatory compliance information, see FERRO PPH TPP40AC27 NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Latin America; North America
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Stiffness; Heat Stabilized; Homopolymer
Forms	Pellets
Appearance	Natural Color
Additive	Heat Stabilizer
Filler/Reinforcement	Talc, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6.1	g/10 min	ASTM D1238
Density - Specific Gravity	1.26	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	33.0	MPa	ASTM D638
Flexural Modulus, (5.3 mm/min, Secant)	3140	MPa	ASTM D790
Impact			
Unnotched Izod Impact, (23 °C)	220	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	27	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	89	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	135	°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

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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