

Technical Data Sheet

Polyfort FPP 3790-1527 700 WHI



Polypropylene, Unspecified (PP, Unspecified)

Product Description

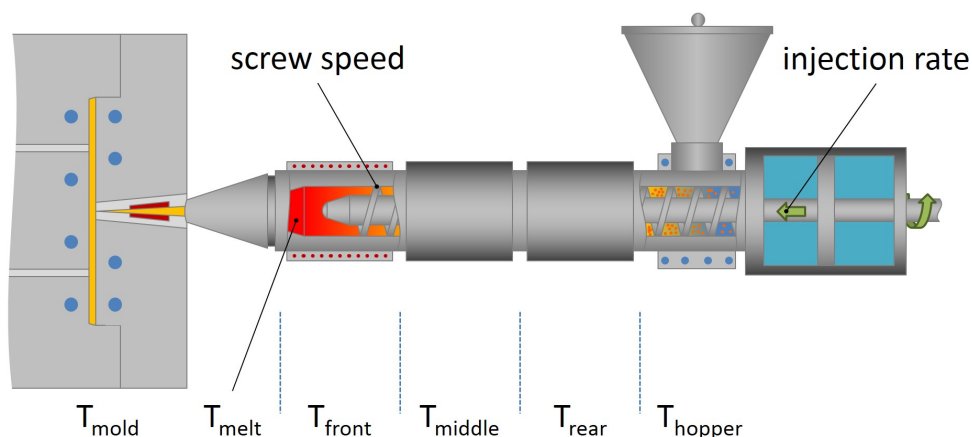
Polyfort FPP 3790 is 4% mineral-filled polypropylene with good UV resistance, and exhibits excellent balance of properties and processability. This grade is delivered in many color version.

Regulatory Status

For regulatory compliance information, see Polyfort FPP 3790-1527 700 WHI [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Asia-Pacific
Processing Method	Injection Molding
Appearance	Opaque
Filler/Reinforcement	Mineral, 4.0%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (250 °C/5.0 kg)	40	cm ³ /10 min	ISO 1133
Density	1	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	27	MPa	ISO 527-2
Tensile Strain at Yield	4.5	%	ISO 527-2
Tensile Modulus	1900	MPa	ISO 527-1



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C

Processing (Melt) Temp	220 to 260 °C
Injection Rate	Moderate- Fast
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/>.

© LyondellBasell Industries Holdings, B.V. 2018

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.