

## Technical Data Sheet

### Polyfort FPP 1005-3120 BLACK



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

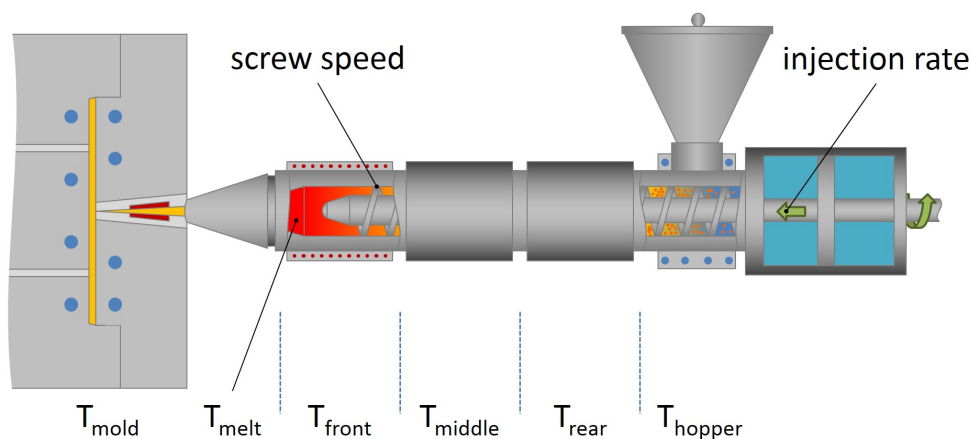
PP Modified 40% Talc

#### Regulatory Status

For regulatory compliance information, see *Polyfort FPP 1005-3120 BLACK* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                      |                   |
|----------------------|-------------------|
| Status               | Discontinued      |
| Availability         | North America     |
| Processing Method    | Injection Molding |
| Filler/Reinforcement | Talc, 40%         |

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 1.28          | g/cm <sup>3</sup> | ASTM D792   |
| Vinyl Acetate Content                                  | 3             | wt %              |             |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength at Yield, (50 mm/min)                 | 32.0          | MPa               | ASTM D638   |
| Flexural Modulus, (1.3 mm/min)                         | 3600          | MPa               | ASTM D790   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact                                    | 20            | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 60            | °C                | ASTM D648   |
| Deflection Temperature Under Load Unannealed (66 psi)  | 105           | °C                | ASTM D648   |
| <b>Additional Information</b>                          |               |                   |             |
| Filler Content                                         | 40.5          | %                 | ASTM D5630  |



Nominal

| 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/>.

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