

## Technical Data Sheet

### Polyfort PP 3052UX-3280 BLACK



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

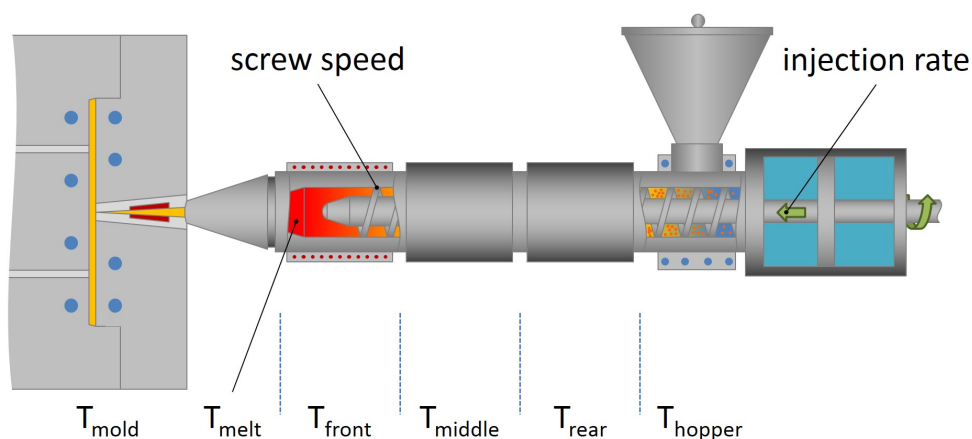
PP High Flow Medium Impact Unfilled

#### Regulatory Status

For regulatory compliance information, see Polyfort PP 3052UX-3280 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                   |                                       |
|-------------------|---------------------------------------|
| Status            | Commercial: Active                    |
| Availability      | North America                         |
| Processing Method | Injection Molding                     |
| Attribute         | Medium Flow; Medium Impact Resistance |

| Typical Properties                                    | Nominal Value | Units             | Test Method |
|-------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                       |               |                   |             |
| Density - Specific Gravity                            | 0.91          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                     |               |                   |             |
| Tensile Strength at Yield, (50 mm/min)                | 22.0          | MPa               | ASTM D638   |
| Flexural Modulus, (1.3 mm/min)                        | 1100          | MPa               | ASTM D790   |
| <b>Impact</b>                                         |               |                   |             |
| Notched Izod Impact                                   | 120           | J/m               | ASTM D256   |
| <b>Thermal</b>                                        |               |                   |             |
| Deflection Temperature Under Load Unannealed (66 psi) | 90            | °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     |
| Injection Rate         | Moderate-<br>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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