

## Technical Data Sheet

### Polyfort J-60/40/FD NATLNAT



Polypropylene, Homopolymer

#### Product Description

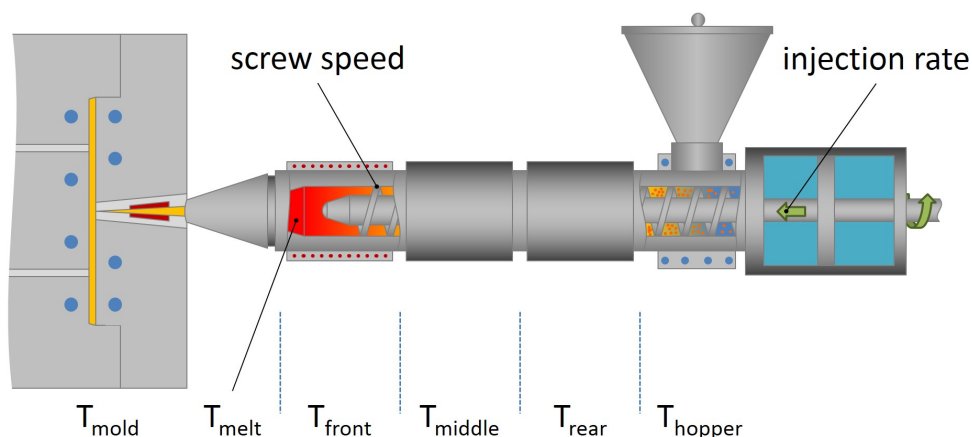
Molding Parameters: For 2-zone machines, the rear temperature is 480-550°F, and the front temperature is 400-450°F.

#### Regulatory Status

For regulatory compliance information, see J-60/40/FD NATLNAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                      |                   |
|----------------------|-------------------|
| Status               | Discontinued      |
| Availability         | North America     |
| Processing Method    | Injection Molding |
| Forms                | Pellets           |
| Filler/Reinforcement | Glass Fiber, 40%  |

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 1.22          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength at Break, (23 °C)                     | 42.7          | MPa               | ASTM D638   |
| Flexural Modulus, (23 °C)                              | 6270          | MPa               | ASTM D790   |
| Flexural Strength at Break, (23 °C)                    | 53.8          | MPa               | ASTM D790   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact, (23 °C, 3.18 mm)                  | 64            | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 129           | °C                | ASTM D648   |
| <b>Additional Information</b>                          |               |                   |             |
| Water Absorption at 24 hrs                             | 0.05          | %                 | ASTM D570   |



| Injection Parameters   | Nominal Value | Units |
|------------------------|---------------|-------|
| Nozzle Temperature     | 182 to 193    | °C    |
| Processing (Melt) Temp | 199 to 232    | °C    |
| Front Temperature      | 193 to 216    | °C    |
| Middle Temperature     | 204 to 227    | °C    |
| Rear Temperature       | 199 to 210    | °C    |
| Mold Temperature       | 38 to 71      | °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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