

Technical Data Sheet

***Icorene* POLYFORT FLP 674-01 NATURAL**



High Density Polyethylene

**Product Description**

*Polyfort* FLP 674-01 is a 35% Glass-Reinforced, High-Density Polyethylene in Natural Color.

**Processing Method**            Injection Molding

**Filler/Reinforcement**        Glass Fiber, 35%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.21	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Break	54.6	MPa	ASTM D638
Flexural Modulus	9670	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	56	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	121	°C	ASTM D648

## 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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