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.

Regulatory Status

For regulatory compliance information, see POLYFORT FLP 674-01 NATURAL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Filler/Reinforcement	Glass Fiber, 35%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.21	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Break	54.6	MPa	ASTM D638
Flexural Modulus	9670	MPa	ASTM D790
Impact			
Notched Izod Impact	56	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	121	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

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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