Technical Data Sheet

Polyfort PP 1692U-6955 STRYKER BUE

Polypropylene, Impact Copolymer

Product Description

Polyfort PP 1692 is an exceptional high impact copolymer with high flow for appearance parts. This material is available in Natural.

Regulatory Status

For regulatory compliance information, see *Polyfort* PP 1692U-6955 STRYKER BUE Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific; North America
Processing Method	Compounding; Injection Molding
Attribute	High Flow; High Impact Resistance; Impact Copolymer
Forms	Pellets
Appearance	Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min, 3.20 mm, Injection Molded)	24.2	MPa	ASTM D638
Flexural Modulus, (3.20 mm, Injection Molded, 1% Secant)	1100	MPa	ASTM D790
Tensile Elongation at Yield, (3.20 mm, Injection Molded)	6.0	%	ASTM D638
Impact			
Gardner Impact, (-30 °C)	24.7	J	ASTM D3029
Notched Izod Impact, (23 °C, 3.20 mm, Injection Molded)	>530	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	105	°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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