Polyfort PP 1692U-6955 STRYKER BUE

LyondellBasell Industries - Polypropylene Impact Copolymer

General Information

Product Description

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

General

Features	• High Flow	• High Impact Resistance	• Impact Copolymer
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Compounding	• Injection Molding	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield, 0.126 in, Injection Molded)	3510	psi	ASTM D638
Tensile Elongation (Yield, 0.126 in, Injection Molded)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant (0.126 in, Injection Molded)	160000	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (73°F, 0.126 in, Injection Molded)	> 9.9	ft·lb/in	ASTM D256
Gardner Impact (-22°F)	219	in·lb	ASTM D3029
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ASTM D648

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] 2.0 in/min