

Technical Data Sheet

Polyfort CP0401VA12561BLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

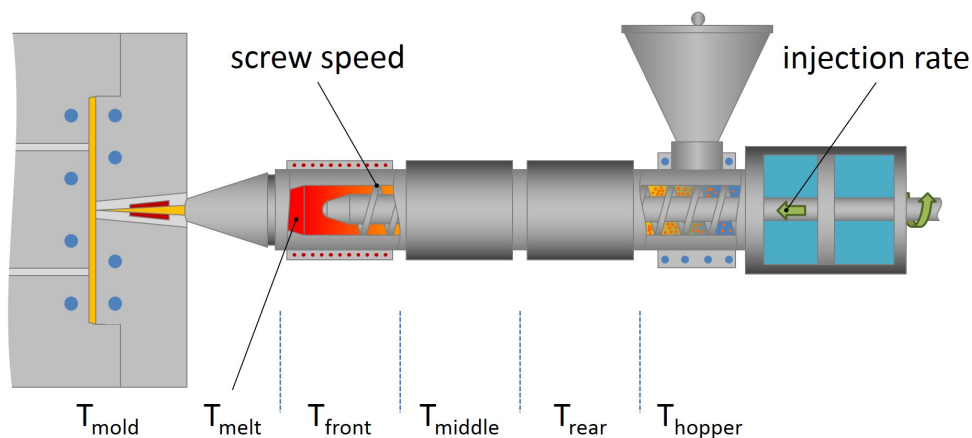
CP0401VA12561 is an Unfilled, Hi-Impact, Co-Polymer, Polypropylene

Regulatory Status

For regulatory compliance information, see CP0401VA12561BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Extrusion; Injection Molding
Attribute	Copolymer; High Impact Resistance
Forms	Pellets
Appearance	Black

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	1.1	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	21	MPa	ASTM D638
Flexural Modulus	807	MPa	ASTM D790
Tensile Elongation at Break	470	%	ASTM D638
Impact			
Notched Izod Impact	No Break		ASTM D256
Hardness			
Durometer Hardness, (Shore D)	55		ASTM D2240
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	67	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	82 to 104	°C
Processing (Melt) Temp	199 to 232	°C
Front Temperature	188 to 232	°C
Middle Temperature	188 to 232	°C
Rear Temperature	188 to 232	°C
Injection Rate	Moderate	
Back Pressure	0.138 to 2.07	MPa
Mold Temperature	21 to 49	°C
Cushion	6.35 to 12.7	mm

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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