

Technical Data Sheet

Polyfort TPP10AT22BK-BKBLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

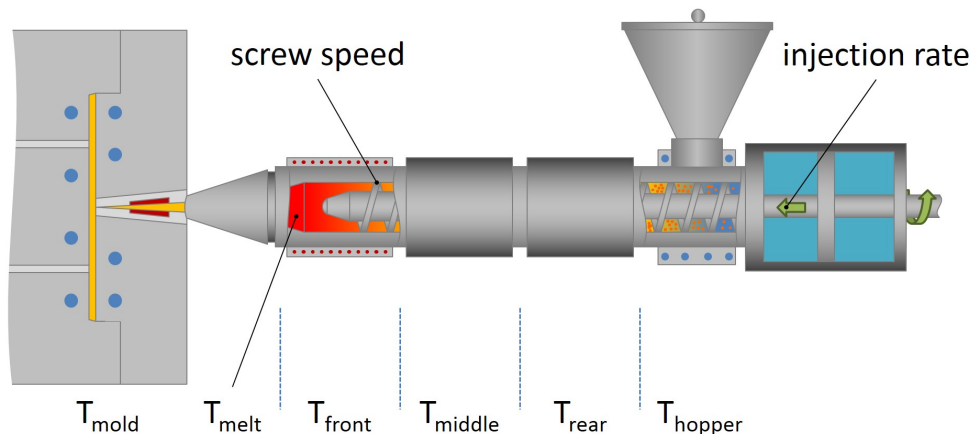
TPP10AT22BK-BK is a 10% Talc-Filled, UV Stabilized, Impact Modified Polypropylene, Black

Regulatory Status

For regulatory compliance information, see TPP10AT22BK-BKBLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Forms	Pellets
Filler/Reinforcement	Talc, 10%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9.8	g/10 min	ASTM D1238
Density - Specific Gravity	0.928	g/cm ³	ASTM D792
Mechanical			
Tensile Stress at Yield	19.4	MPa	ISO 527-2
Flexural Modulus	994	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched	39	kJ/m ²	ISO 179
Notched Izod Impact, (23 °C)	1300	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	55	°C	ISO 75-2/A



Injection Parameters

Nominal
Units

Injection Parameters	Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	82 to 104	°C
Processing (Melt) Temp	199 to 227	°C
Front Temperature	177 to 221	°C
Middle Temperature	177 to 221	°C
Rear Temperature	177 to 221	°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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