

Technical Data Sheet

RW *Polyfort* PP 1407-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

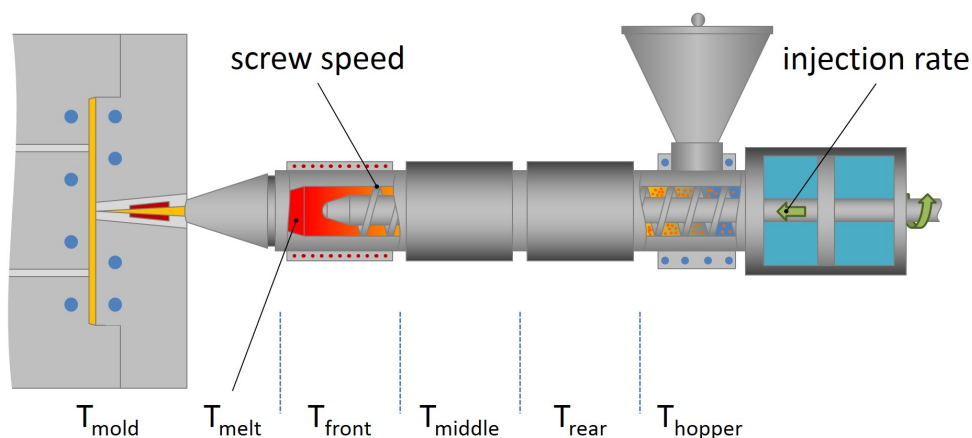
PP High Impact Unfilled

Regulatory Status

For regulatory compliance information, see RW *Polyfort* PP 1407-31 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.91	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	20.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1000	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	2300	%	ASTM D638
Impact			
Notched Izod Impact	700	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	45	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	75	°C	ASTM D648



Injection Parameters	Nominal Value	Units
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Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C

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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