

Technical Data Sheet

Percom PP PHC31 BLACK 2.0133 (PG05)



Polypropylene Copolymer

Product Description

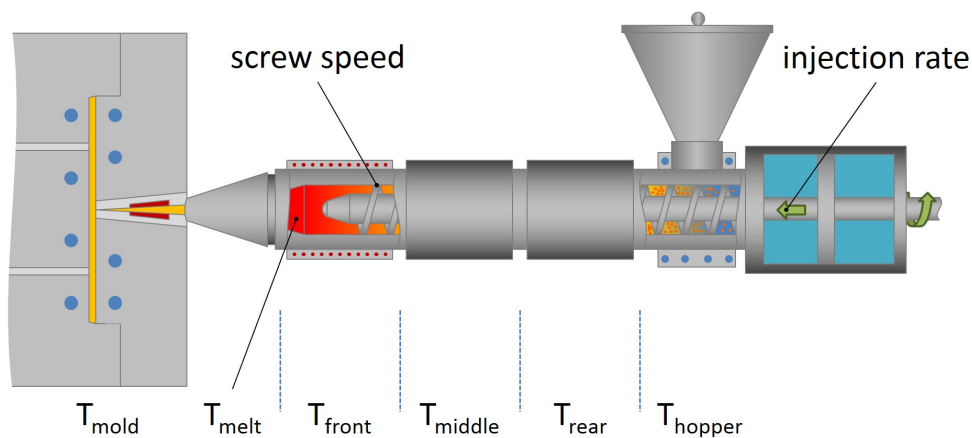
A polypropylene copolymer compound grade with a narrow molecular weight distribution and excellent combination of impact, anti-static and flow properties. Applications include automotive components and household storage articles.

Regulatory Status

For regulatory compliance information, see PP PHC31 BLACK 2.0133 (PG05) [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Processing Method	Injection Molding
Attribute	Copolymer; Narrow Molecular Weight Distribution
Forms	Granules
Application	Automotive Applications; Household Goods

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133
Density	0.905	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	26	MPa	ISO 527-2
Tensile Strain at Break	600	%	ISO 527-2
Flexural Modulus	1350	MPa	ISO 178
Tensile Stress at Break	20	MPa	ISO 527-2
Impact			
Notched Izod Impact Strength	10	kJ/m ²	ISO 180
Hardness			
Shore Hardness, (Shore D)	65		ISO 868
Thermal			
Vicat Softening Temperature			
(B (50N), 50 °C/h)	71.0	°C	ISO 306
(A (10N), 50 °C/h)	147	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa)	52	°C	ISO 75-2/A



Injection Parameters	Nominal Value	Units
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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