

Technical Data Sheet

PERCOM PCT10U ORE 8-0972



Polypropylene Compounds

Product Description

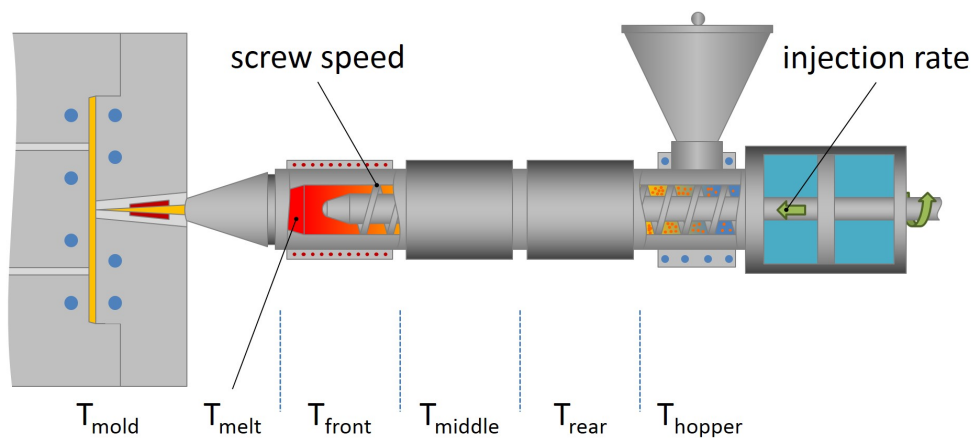
Percom PCT10U is a 10% talc filled polypropylene copolymer, UV Stabilized

Regulatory Status

For regulatory compliance information, see PERCOM PCT10U ORE 8-0972 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Availability	Europe
Attribute	Copolymer
Additive	UV Stabilizer
Filler/Reinforcement	Talc, 10%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133
Density	0.95	g/cm ³	ISO 1183
Mechanical			
Tensile Modulus	1150	MPa	ISO 527-1, -2
Tensile Stress at Yield	17	MPa	ISO 527-1, -2
Tensile Strain at Break	25	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched	39	kJ/m ²	ISO 179
Hardness			
Shore Hardness			
(Shore A)	98		ISO 868
(Shore D)	65		ISO 868
Thermal			
Vicat Softening Temperature			
(A50)	144	°C	ISO 306
(B50)	65	°C	ISO 306
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	78	°C	ISO 75A-1, -2
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	98	°C	ISO 75B-1, -2
Processing Parameters			
Melt Temperature	220-260	°C	



Injection Parameters	Nominal Value	Units
Drying Time	2-3	hr
Drying Temperature	80	°C
Mold Temperature	30-60	°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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