

Technical Data Sheet

Percom PCT15USR-ST NATURAL



Polypropylene Copolymer

Product Description

15% mineral filled PP Copolymer with UV stabilization and enhanced scratch resistance

Regulatory Status

For regulatory compliance information, see PCT15USR-ST NATURAL [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; Scratch Resistant; UV Resistant
Application	Automotive Interior Parts
Filler/Reinforcement	Talc, 15%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (230 °C/2.16 kg)	16	cm ³ /10 min	ASTM D1238
Density	1.01	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	23	MPa	ISO 527-2
Tensile Strain at Yield	4	%	ISO 527-2
Tensile Modulus	2100	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C)	16	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179
Hardness			
Shore Hardness, (Shore D)	60		ISO 868
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	138	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	103	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	57	°C	ISO 75-2/A
UL Information			
Flame Rating	HB		UL 94



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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