Technical Data Sheet

Hostacom ERC 450N T PG05

Polypropylene Compounds

Product Description

Hostacom ERC 450N T PG05 is a 10% talc filled PP copolymer, with superior flowability, good stiffness, and excellent scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in PG05 color version.

Regulatory Status

For regulatory compliance information, see *Hostacom* ERC 450N T PG05 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Processability; Good Stiffness; High Flow; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	29	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	0.98	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	2050	MPa	ISO 178
Tensile Stress at Yield	24.5	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	6.5	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	106	°C	ISO 75B-1, -2

Manufacturer website: https://www.lyondellbasell.com/en/

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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