Technical Data Sheet

Hostacom ERG 393F BLACK

Polypropylene Compounds

Product Description

Hostacom ERG 393F BLACK is a 20% glass fiber reinforced PP copolymer, with good stiffness and good impact resistance. Material provides high melt strength, good melt elongational behavior and is tailor-made for foam injection molding. This product is also available in other colors, new colors can be developed depending on customer requirements.

Regulatory Status

For regulatory compliance information, see *Hostacom* ERG 393F BLACK 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	Europe
Application	Automotive Parts; Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	CAE data available: See "Notes"; Excellent Processability; Foamable; Good Impact Resistance; Good Surface Finish

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	26	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4400	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	70	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	13	kJ/m²	ISO 179-1/1eA
Thermal			
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2

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

Notes

These are typical property values not to be construed as specification limits.

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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