Technical Data Sheet

Hostacom TRC 1193N E D82920

Polypropylene Compounds

Product Description

Hostacom TRC 1193N E is an UV stabilised mineral filled polypropylene copolymer for injection moulding. It combines a very good flowability with high stiffness/ very good impact properties and excellent scratch resistance.
The grade has been specifically designed for moulding of large complex interior trim parts that requires good dimensional stability.

Regulatory Status

For regulatory compliance information, see *Hostacom* TRC 1193N E D82920 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

Status	Under Industrialization
Availability	Europe
Application	Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	CAE data available: See "Notes"; High Impact Resistance; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	0.99	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1900	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Notch A)	50	kJ/m²	ISO 179-1/1eA
(-40 °C)	3.5	kJ/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	54	°C	ASTM D648

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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