

## 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.

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

<b>Application</b>	Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Impact Resistance; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	0.99	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1900	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Notch A)	50	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	3.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	54	°C	ASTM D648