

Technical Data Sheet

Hostacom TRC 1193N E1 C12A24



Polypropylene Compounds

Product Description

Hostacom TRC 1193N E1 C12A24 is a 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 and provides excellent surface aesthetics.

The grade has been specifically designed for moulding of large complex interior trim parts that requires good dimensional stability.

This grade is delivered in C12A24 onyx color version.

This product is also available in other colors, new colors can be developed depending on customer requirements.

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

Application	Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	High Impact Resistance; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1800	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)	55	kJ/m ²	ISO 179-1/1eA
(-40 °C)	3.6	kJ/m ²	ISO 179-1/1eA
Thermal			
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	53	°C	ISO 75A-1, -2