

Technical Data Sheet

Hostacom TRC 1193N E5 C12A37



Polypropylene Compounds

Product Description

Hostacom TRC 1193N E5 C12A37 is high melt flow, low density mineral filled polypropylene copolymer for injection moulding.

It has an excellent balance of processability, rigidity, impact, scratch and mar resistance.

The grade has been specifically designed for moulding of interior trim parts or components that require good dimensional stability and superior surface appearance properties.

This grade is delivered in C12A37 color version which refers to Tesla NEU_110e.

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	Automotive Parts
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)	1700	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