

Technical Data Sheet

Hifax TRC 1230P C1 C12472

Polypropylene Compounds

Product Description

Hifax TRC 1230P C1 C12472 thermoplastic polyolefin is typically used for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability.

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

Regulatory Status

For regulatory compliance information, see *Hifax TRC 1230P C1 C12472* [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	Asia-Pacific
Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Processability; High Impact Resistance; Pleasing Surface Appearance; Scratch Resistant

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)	1.08	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2200	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19.5	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	40	kJ/m ²	ISO 179-1/1eA

Notes

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