Technical Data Sheet

Hifax TRC 2029P E C11544

Polypropylene Compounds

Product Description

Hifax TRC 2029P E is a 30% talc filled PP copolymer, offering excellent dimensional stability & impact/stiffness balance, combined with good UV resistance.
The product is typically used by customers in non-painted applications, such large exterior parts.

The product reflects the latest advancements in resin synthesis and compounding technology.

The grade being in development, this is a preliminary datasheet subjected to changes after product industrialization

Regulatory Status

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

Application	Automotive Parts; Body Panels; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Good Dimensional Stability; Good Flow; Good Stiffness; Good Surface Finish; Impact Modified; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C)	2500	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched, (23 °C)	20	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load	120	°C	ISO 75B-1, -2
Coefficent of Linear Thermal Expansion (CLTE), Flow, (23 °C to 80 °C)	50	1/°C	LYB Method