

Technical Data Sheet

Hifax TRC 221P C12941

Polypropylene Compounds



Product Description

Hifax TRC 221P C12941 is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance and very low CLTE.

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

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	16.5	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	55	kJ/m ²	ISO 179-1/1eA
(-40 °C)	3.5	kJ/m ²	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	48	kJ/m ²	ISO 180/1A
(-40 °C)	5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2

Notes

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

