

Technical Data Sheet

Hifax TRC 134P C12427

Polypropylene Compounds



Product Description

Hifax TRC 134P C12427 is a 20% talc filled PP copolymer, with very low shrinkage, good impact resistance and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12427 color version.

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good UV Resistance; Low Coefficient of Linear Thermal Expansion; Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	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)	15	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	250	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	60	kJ/m ²	ISO 179-1/1eA
(-30 °C)	5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	105	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2

Notes

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

