

## 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.

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

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	60	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	105	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2