

## Technical Data Sheet

### Hifax TRC 221P 1365



Polypropylene Compounds

#### Product Description

Hifax TRC 221P 1365 is a 20% talc filled PP copolymer, with high flowability, excellent impact/stiffness balance, very low CLTE and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 1365 color version.

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

*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>	High Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	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)	16.5	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	55	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	3.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	48	kJ/m <sup>2</sup>	ISO 180/1A
(-40 °C)	5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2