

## Technical Data Sheet

### Hifax TYC 007P E R299



Polypropylene Compounds

#### Product Description

Hifax TYC 007P E R299 is a 22% talc filled PP copolymer, with superior flowability, excellent impact/stiffness balance, good processability and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in BLACK color version.

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

<b>Application</b>	Exterior Trim
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Fast Cycle (Production); Good Dimensional Stability; Good Processability; Good Surface Finish; Good UV Resistance; High Flow; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	35	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)	2000	MPa	ISO 178/A1
Tensile Strength, (23 °C)	21	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	50	kJ/m <sup>2</sup>	ISO 180/1A
(-30 °C)	6	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2