

## Technical Data Sheet

### Hifax TYC 459P C1V301



Polypropylene Compounds

#### Product Description

Hifax TYC 459P C1V301 is a 21% talc filled PP copolymer, with very low shrinkage, high flowability, good impact/stiffness balance and high UV resistance. The product is also available as a customized color matched, pellet form. This grade is delivered in C1V301 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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	27	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)	2100	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	40	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	25	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	3.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	125	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2