

## Technical Data Sheet

### Hifax TKC 461P 3004



Polypropylene Compounds

#### Product Description

Hifax TKC 461P 3004 is a 12% talc filled PP copolymer, with very low shrinkage, good impact resistance and high UV resistance. The product is available in different color matched, pellet form. This grade is delivered in 3004 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)	10	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	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)	17	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	400	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	55	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	7	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	130	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2