

## Technical Data Sheet

### Hifax TKC 805P E C12886

Polypropylene Compounds



#### Product Description

Hifax TKC 805P E C12886 is a 33% talc filled PP TPO copolymer, with good flowability, UV resistance, high stiffness and very good impact/stiffness balance. Formula is improved to offer better aspect, especially on tiger stripes. The product is available in different color matched, pellet form. This grade is delivered in C12886 black color version.

<b>Application</b>	Exterior Automotive Applications; Exterior Trim
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flow; High Stiffness; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Density, (23 °C)	1.15	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	2600	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	20	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	25	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	3	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	138	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	60	°C	ISO 75A-1, -2

#### Notes

These are typical property values not to be construed as specification limits.

