

## Technical Data Sheet

**Hifax TKS 428P C12477**

Polypropylene Compounds

**Product Description**

Hifax TKS 428P C12477 is an unfilled PP copolymer, with excellent impact/stiffness balance, good flowability and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12477 color version.

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

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Bumpers; Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flow; Good Processability; Good UV Resistance; Low Density

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	0,90	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1100	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	6	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	126	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2

**Notes**

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