

## Technical Data Sheet

### Hifax TRC 280P C12719



Polypropylene Compounds

#### Product Description

Hifax TRC 280P C12719 is a UV stabilised 30% talc filled PP copolymer, with high stiffness, good impact resistance and low shrinkage designed for exterior parts. Product is available as a customized color matched, pellet form.

This product is also available in other colors, new colors can be developed depending on customer requirements.

<b>Application</b>	Exterior Trim
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Excellent Stiffness

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	1.14	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)	22	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	10	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	1.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	10	kJ/m <sup>2</sup>	ISO 180/1A
(-40 °C)	2	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2

#### Notes

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

