

## Technical Data Sheet

**Hifax TYC 2137P W92692**

Polypropylene Compounds

**Product Description**

Hifax TYC 2137P is a UV stabilised 5% mineral filled impact modified polypropylene compound for injection moulding.

It combines high flowability and very good impact properties with high gloss and excellent scratch resistance.

The grade has been specifically designed for moulding of complex exterior trim parts that requires high gloss and good dimensional stability.

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

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

<b>Status</b>	Under Industrialization
<b>Availability</b>	Europe
<b>Application</b>	Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Flow; High Gloss; High Impact Resistance; Low Density

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	28	g/10 min	ISO 1133-1
Density, (23 °C)	0.95	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus	1150	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	20	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	4	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	51	°C	ISO 75A-1, -2