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.

Regulatory Status

For regulatory compliance information, see *Hifax* TYC 2137P W92692 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	28	g/10 min	ISO 1133-1
Density, (23 °C)	0.95	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	1150	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	20	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m²	ISO 179-1/1eA
(-40 °C)	4	kJ/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	51	°C	ISO 75A-1, -2