

Technical Data Sheet

Hifax TYC 2100P C13098



Polypropylene Compounds

Product Description

Hifax TYC 2100P C13098 is an UV stabilised 30 % mineral filled polypropylene copolymer for injection moulding. It combines an excellent flowability with very good stiffness/ impact properties and scratch resistance. The grade has been specifically designed for moulding of large complex exterior trim parts that requires good dimensional stability..

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

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

Status	Commercial: Active
Availability	Europe
Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	1.15	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1750	MPa	ISO 178/A1
Tensile Stress at Yield	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	22	kJ/m ²	ISO 180/1A
(-30 °C)	3	kJ/m ²	ISO 180/1A
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	97	°C	ISO 75B-1, -2

Notes

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