Technical Data Sheet

Hifax TYC 2097X 3001

Polypropylene Compounds

Product Description

Hifax TYC 2097X is a 15% mineral filled polypropylene copolymer for injection moulding. It combines an excellent flowability with very good stiffness/ impact properties.
The grade has been specifically designed for moulding of large 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	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; High Flow; Paintable

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	0.99	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	50	kJ/m²	ISO 179-1/1eA
(-40 °C)	5	kJ/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	91	°C	ISO 75B-1, -2

Notes

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