

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.

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/cm ³	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/m ²	ISO 179-1/1eA
(-40 °C)	5	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	91	°C	ISO 75B-1, -2

