

## Technical Data Sheet

### Hifax TYC 2097X BLACK



Polypropylene Compounds

#### Product Description

Hifax TYC 2097X black is a 15% mineral filled high impact 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 parts that requires good dimensional stability.

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

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; High Flow; Paintable

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1,0	g/cm³	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	50	kJ/m²	ISO 179-1/1eA
(-40 °C)	5	kJ/m²	ISO 179-1/1eA
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	91	°C	ISO 75B-1, -2