

Technical Data Sheet

Hifax TYC 555P BLACK

Polypropylene Compounds



Product Description

Hifax TYC 555P Black is a high flow, high impact copolymer polypropylene especially designed for injection moulding large, thin wall parts. This grade has good dimensional stability, painting ability and UV stability. This grade can be used for automotive exterior parts, such as bumper. This grade is black, pellet form.

Regulatory Status

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

Application Automotive Parts; Exterior Automotive Applications

Market Automotive

Processing Method Injection Molding

Attribute Good Processability; Good UV Resistance; High Flow; Low Temperature Impact

Resistance

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	40	g/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2000	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19.5	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (-30 °C)	5	kJ/m²	ISO 180
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2