

Technical Data Sheet

Hifax TYS 696X BLACK



Polypropylene Compounds

Product Description

Hifax TYS 696X BLACK is an unfilled impact modified polypropylene, with high melt flow rate offering a good impact/stiffness balance. Product is available as non color matched, black, pellet form.

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 Impact Resistance; High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	1100	MPa	ISO 178
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	14	kJ/m ²	ISO 180/1A
Hardness			
Shore Hardness, (Shore D, 15 sec)	56		ISO 868
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	82	°C	ISO 75B-1, -2