

Technical Data Sheet

Hifax TYC 1235X C2 Black



Polypropylene Compounds

Product Description

Hifax TYC 1235X C2 Black has a very high melt flow, very high flexural modulus, paintable, mineral filled thermoplastic elastomeric olefin (TEO) resin, has an excellent balance of properties and processability. It is typically used for multiple automotive exterior applications.

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Moldability; High Flow; High Stiffness; Low Shrinkage; Paintable

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)	1.07	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2700	MPa	ISO 178
Flexural Strength, (23 °C, Tech. A)	30	MPa	ISO 178/A1
Tensile Strength, (23 °C)	22	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	19	kJ/m ²	ISO 180

