

Technical Data Sheet**Hifax EKC 177P BLACK**

Polypropylene Compounds

Product Description

Hifax EKC 177P BLACK is a 30% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance and good UV resistance. This grade is delivered in BLACK color version.

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

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2200	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	13	kJ/m ²	ISO 179-1/1eA
(-40 °C)	1.5	kJ/m ²	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	12	kJ/m ²	ISO 180/1A
(-40 °C)	2	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	108	°C	ISO 75B-1, -2