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Technical Data Sheet

Hifax TRC 103P 11BK10

Polypropylene Compounds

Product Description

Hifax TRC 103P 11BK10 is a 15% talc filled PP copolymer, with good flowability and high impact/stiffness balance. Product is available as a customized color matched, pellet form. This grade is delivered in 11BK10 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	Fast Cycle (Production); Good Dimensional Stability; Good Processability; Good UV Resistance; High Flow; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	23	g/10 min	ISO 1133-1
Density, (23 °C)	1	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1500	MPa	ISO 178/A1
Tensile Strength, (23 °C)	20	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	42	kJ/m²	ISO 180/1A
(-30 °C)	5.3	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	54	°C	ISO 75A-1, -2