

Technical Data Sheet

Hifax TYC 2005P S62840

Polypropylene Compounds



Product Description

Hifax TYC 2005P S62840 is a 14% talc filled PP copolymer, with very high flowability, high impact resistance and medium rigidity. This material has been coloured to create a metallic effect.

Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; High Impact Resistance; Medium Rigidity; Mold-In-Colour Metallic Effect; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	26	g/10 min	ISO 1133-1
Density, (23 °C)	1.02	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1350	MPa	ISO 178/A1
Tensile Strength, (23 °C)	16	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	45	kJ/m ²	ISO 180/1A
(-30 °C)	5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	82	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	49	°C	ISO 75A-1, -2

