

Technical Data Sheet

Hifax TYC 1168P E C11538

Polypropylene Compounds



Product Description

Hifax TYC 1168P E is a talc filled PP copolymer, with high melt flow rate, low density and very good surface appearance. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

Application	Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; Low Density; Pleasing Surface Appearance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	32	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1550	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	17.5	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	40	kJ/m ²	ISO 180/1A
(-30 °C)	5.5	kJ/m ²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (B50)	46	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	58	°C	ISO 75A-1, -2

