

Technical Data Sheet

Hostacom HYP 376D 201104

Polypropylene Compounds

Product Description

Hostacom HYP 376D 201104 is a mineral filled PP homopolymer with very high melt flow rate.

Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	26	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	24	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.31	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	20	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	2.5	kJ/m ²	ISO 179-1/1eA
(0 °C)	1.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	55	kJ/m ²	ISO 179-1/1eU
(0 °C)	25	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	92	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	55	°C	ISO 75A-1, -2