

Technical Data Sheet

Hostacom HBC 386L G81523



Polypropylene Compounds

Product Description

Hostacom HBC 386L G81523 is a mineral filled PP homopolymer with low melt flow rate.
Product is UL listed.

Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	10	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	10	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.21	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4300	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	32	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	2.8	kJ/m ²	ISO 179-1/1eA
(0 °C)	1.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	24	kJ/m ²	ISO 179-1/1eU
(0 °C)	15	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	92	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	72	°C	ISO 75A-1, -2

Notes

These are typical property values not to be construed as specification limits.

