

Technical Data Sheet

Hostacom HKC 182L C11583



Polypropylene Compounds

Product Description

Hostacom HKC 182L C11583 is a mineral filled PP homopolymer, with medium 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/2.16 kg)	10.5	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	11	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.15	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	3400	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	3300	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	4.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	2.5	kJ/m ²	ISO 179-1/1eA
(0 °C)	2	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	28	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)	70	°C	ISO 75A-1, -2

Notes

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

