

Technical Data Sheet

Hostacom HBC 327L NAT



Polypropylene Compounds

Product Description

Hostacom HBC 327L NAT is a mineral filled PP homopolymer with low melt flow rate. The product is UL listed.

Application	Structural Parts; White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	8.5	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	9	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	3800	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	3400	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	4	kJ/m ²	ISO 179-1/1eA
(0 °C)	2.2	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	40	kJ/m ²	ISO 179-1/1eU
(0 °C)	18	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	92	°C	ISO 306
Flammable			
Flame Rating - UL			
(1.5 mm)	HB		UL 94
(3.0 mm)	HB		UL 94