

Technical Data Sheet

Hostacom M2 R19 L

Polypropylene Compounds



Product Description

Hostacom M2 R19 L is a mineral filled PP copolymer 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/2.16 kg)	5	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	5	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.07	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	2500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	27	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	4	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	5	kJ/m²	ISO 179-1/1eA
(0 °C)	2.5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	65	kJ/m²	ISO 179-1/1eU
(0 °C)	30	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	70	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	62	°C	ISO 75A-1, -2

Notes

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

