

Technical Data Sheet

Hostacom ERS 5011L E R31667



Polypropylene Compounds

Product Description

Hostacom ERS 5011L E R31667 is an unfilled copolymer with high melt flow rate.
Product is UL certified.

Regulatory Status

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

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)	16	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	21	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C)	1400	MPa	ISO 178
Flexural Stress, (23 °C)	35	MPa	ISO 178
Tensile Modulus, (23 °C)	1300	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	25	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	8	kJ/m ²	ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	4.5	kJ/m ²	ISO 179
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	85	°C	ISO 75B-1, -2