

Technical Data Sheet

Hostacom EKG 2130-5L NAT

Polypropylene Compounds

Product Description

Hostacom EKG 2130-5L NAT is a 50% glass fiber reinforced PP (coupled). It combines excellent stiffness properties with good dimensional stability and low creep under load at elevated temperatures.

Product is UL certified.

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)	5	g/10 min	ASTM D1238
(230 °C/2.16 kg)	4	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	5	cm ³ /10 min	ISO 1133-1
Density			
(23 °C)	1.32	g/cm ³	ISO 1183-1/A
(23 °C)	1.33	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus			
(23 °C)	110000	kg/cm ²	ASTM D790
(23 °C, Tech. A)	11500	MPa	ISO 178/A1
Flexural Strength			
(23 °C)	1670	kg/cm ²	ASTM D790
(23 °C, Tech. A)	190	MPa	ISO 178/A1
Tensile Modulus			
(23 °C)	106800	kg/cm ²	ASTM D638
(23 °C)	11000	MPa	ISO 527-1, -2
Tensile Strength, (23 °C)	1230	kg/cm ²	ASTM D638
Tensile Stress at Break, (23 °C)	130	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	2.6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	12	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	60	kJ/m ²	ISO 179-1/1eU
Notched Izod Impact Strength, (23 °C)	12	kg*cm/cm	ASTM D256
Thermal			
Vicat Softening Temperature, (B50)	140	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	153	°C	ASTM D648