

Technical Data Sheet

Hostacom EKG 2090T BLACK

Polypropylene Compounds

Product Description

Hostacom EKG 2090T BLACK is a 40% glass fiber reinforced PP (coupled). It combines excellent stiffness properties with good dimensional stability and low creep under load at elevated temperatures. The product is available as a customized color matched, pellet form. This grade is delivered in black color version.

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

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (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)	1.21	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	8400	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	170	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	8500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	110	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched (23 °C)	10	kJ/m ²	ISO 179-1/1eA
(-30 °C)	8	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	140	°C	ISO 306
Deflection Temperature Under Load (0.45 MPa, Unannealed)	153	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	142	°C	ISO 75A-1, -2