

Technical Data Sheet

Hostacom EKG 2087T BLACK



Polypropylene Compounds

Product Description

Hostacom EKG 2087T BLACK is a 30% glass fiber reinforced PP (coupled). It combines excellent stiffness properties with good dimensional stability and low creep under load at elevated temperatures. 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)	7	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	8	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	6800	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	145	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	6500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	100	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	11	kJ/m²	ISO 179-1/1eA
(-30 °C)	9	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	56	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	130	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2