

Technical Data Sheet

Hostacom FPP 40 GFC LE K2097 BLACK



Polypropylene Compounds

Product Description

Hostacom FPP 40 GFC LE K2097 BLACK is 40% glass coupled PP homopolymer with high flowability, very good stiffness, low CLTE (Coefficient of Linear Thermal Expansion), low creep under load at elevated temperatures and low emissions. The product is available as black colored, pellet form.

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)	3	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	3,5	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.22	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	9000	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)	13	kJ/m ²	ISO 179-1/1eA
(-30 °C)	11	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	52	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	140	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	150	°C	ISO 75A-1, -2