Technical Data Sheet

Hostacom TRG 436P NAT

Polypropylene Compounds

Product Description

Hostacom TRG 436P NAT is a glass fiber reinforced impact modified PP with medium melt flow rate. It combines a well-balanced impact/stiffness ratio with good surface and high UV stability for applications requiring high ductility also at low temperatures.

Application	Exterior Automotive Applications; Outdoor and Power Tools
Market	Electrical / Electronics
Processing Method	Injection Molding
Attribute	Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	13	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.21	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	7500	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	8000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	85	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	12	kJ/m²	ISO 179-1/1eA
(0 °C)	10	kJ/m²	ISO 179-1/1eA
(-30 °C)	10	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	55	kJ/m²	ISO 179-1/1eU
(0 °C)	55	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	110	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	140	°C	ISO 75A-1, -2

Notes

These are typical property values not to be construed as specification limits.