

Technical Data Sheet

Hostacom HKG 2196T R NAT



Polypropylene Compounds

Product Description

Hostacom HKG 2196T R NAT is a 30% glass fiber reinforced PP homopolymer, with high stiffness, good dimensional stability and low creep under load at elevated temperatures. The product is available in natural color, pellet form.

Application	Structural Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Good Dimensional Stability; Low Creep Under Load at Elevated Temperatures

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)	4	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	6600	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	90	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
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (A50)	160	°C	ISO 306

