

Technical Data Sheet

Hostacom G3 R05 C 105555



Polypropylene Compounds

Product Description

Hostacom G3 R05 C 105555 is a 30% glass fiber reinforced PP homopolymer, with excellent stiffness, good dimensional stability and low creep under load at elevated temperatures. The product is available in black color, pellet form. This grade is delivered in 105555 color version.

This grade is not intended for medical and pharmaceutical applications.

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
Density, (23 °C)	1.13	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	7000	MPa	ISO 178/A1
Tensile Stress at Break, (23 °C)	95	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	10	kJ/m²	ISO 179-1/1eA
(-30 °C)	7	kJ/m²	ISO 179-1/1eA