

Technical Data Sheet

Hostacom X M3 N07 105555



Polypropylene Compounds

Product Description

Hostacom X M3 N07 105555 is a 30% talc filled PP copolymer, with outstanding stiffness. Product is available as a customized color matched, pellet form. This grade is delivered in 105555 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	18	g/10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2800	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	25	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	16	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	80	kJ/m²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	61	°C	ISO 75A-1, -2