

Hostacom TYC 240N Black

Compounded Polyolefin

Product Description

"Hostacom" TYC 240N Black is a 18% mineral filled, impact modified polypropylene copolymer for injection molding. It combines very high fluidity with excellent stiffness/impact balance and with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts and instrument panel parts. The grade is available in black, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Moulding, Compression Moulding
Features	Impact Copolymer, High Flow , Good Stiffness , Low Temperature Toughness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.02 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	23 g/10 min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	1800 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	22 MPa
Impact		
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	35 kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		4 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	98 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	56 °C

Notes

Typical properties: not to be construed as specifications.

Additional Properties

Mould Shrinkage, Basell Test Method: 0.9 to 1.1 %

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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