



Hostacom EKC261N

Compounded Polyolefin

Product Description

Hostacom EKC261N is a low density injection moulding grade, is a high impact filled polypropylene copolymer with good mouldability, specially designed for excellent impact strength as well as good appearance, stiffness and scratch resistance. Advanced technologies allowed for a significant reduction of the mineral filler compared to current standard grades, which contributes to the reduction of final part weight.

The grade is available in custom colour, pellet form. This grade is designed to give low carbon emissions.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Method	Injection Molding
Features	Pleasing Surface Appearance, Impact Copolymer, Low Density, High Impact Resistance , Good Moldability , Good Stiffness , Good Toughness, Non Toxic
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.03 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	22 MPa
Tensile Strain at Break	ISO 527-1, -2	70 %
Flexural modulus	ISO 178	1800 MPa
Impact		
Notched izod impact strength	ISO 180	
(-40 °C, Type 1, Notch A)		3 kJ/m ²
(23 °C, Type 1, Notch A)		25 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	100 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	51 °C

Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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