

Hostacom EKC 330N E1 NAT

Compounded Polyolefin

Product Description

Hostacom EKC 330N E1 NAT is a 16% talc filled PP copolymer, with excellent impact/stiffness balance, good flowability, good scratch resistance, outstanding blooming resistance at elevated temperatures and low odour. Product is available as natural, pellet form.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact/stiffness balance, scratch resistance, blooming resistance at elevated temperatures, low odour.
Typical Customer Applications	Used for indoor/interior application.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	18	g/10 min
Density (23 °C)	ISO 1183-1/A	1.02	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	21	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1800	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	45	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	5	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	NB	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	132	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	56	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

