



Hostacom EKC 265N

Compounded Polyolefin

Product Description

Hostacom EKC 265N is a 20% mineral filled PP compound. Excellent scratch and mar properties, very low stress whitening. High flow, good stiffness/impact balance. High UV-resistance. Low odor, fogging & carbon emission. Used for interior trim applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Method	Injection Molding
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	16 g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	18 cm³/10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	1950 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	5.0 %
Flexural modulus (Secant)	ISO 178	1900 MPa
Impact		
Charpy unnotched impact strength (0 °C, Type 1, Edgewise)	ISO 179	No Break kJ/m²
(-30 °C, Type 1, Edgewise)		35 kJ/m²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	15 kJ/m²
(0 °C, Type 1, Edgewise, Notch A)		6.0 kJ/m²
(-30 °C, Type 1, Edgewise, Notch A)		3.0 kJ/m²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	56 °C

Additional Properties

Mould Shrinkage, Basell Test Method: 0.9 to 1.1%

Notes

Typical properties; not to be construed as specifications.

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

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