



Hostacom ERC 342N E1

Compounded Polyolefin

Product Description

Hostacom ERC 342N NAT is a 10% mineral filled, impact modified grade for interior applications with excellent impact/stiffness balance, good flowability properties and very good scratch resistance. It has an outstanding blooming resistance at elevated temperatures and also low odour and low carbon emissions. The grade is available in natural and coloured, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Typical Customer Applications	Interior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0,97 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	17 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	21 MPa
Flexural modulus (23 °C, v = 2 mm/min)	ISO 178	1600 MPa
Impact		
Charpy notched impact strength	ISO 179	
(-30, Type 1, Edgewise, Notch A)		3,2 kJ/m ²
(23 °C, Type 1, Edgewise, Notch A)		16 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50 °C
Vicat softening temperature (A50 (50 °C/h 10 N))	ISO 306	135 °C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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