

Hostacom EKC 170N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom EKC 170N is a mineral filled polypropylene copolymer, high flow, good stiffness-impact balance, good UV-resistance, low odour, fogging & carbon-emission. The grade has been designed for the moulding large complex parts that requires good dimensional stability. The grade is available in customized colour, pellet form.

| General Information | | | |
|---|----------------------------|-------------------|-----------------|
| Filler / Reinforcement | Mineral | | |
| Additive | UV Stabilizer | | |
| Features | Copolymer | | |
| | Good Dimensional Stability | | |
| | Good Impact Resistance | | |
| | Good Stiffness | | |
| | Good Toughness | | |
| | Good UV Resistance | | |
| | High Flow | | |
| | Low to No Fogging | | |
| | Low to No Odor | | |
| Uses | Automotive Applications | | |
| | Automotive Interior Parts | | |
| Appearance | Colors Available | | |
| Forms | Pellets | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.02 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 11 | g/10 min | ISO 1133 |
| Molding Shrinkage | 0.90 to 1.1 | % | Internal Method |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 18.0 | MPa | ISO 527-2/50 |
| Flexural Modulus - Secant | 1700 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179/1eA |
| -30°C | 6.0 | kJ/m ² | |
| 23°C | 25 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |

Heat Deflection Temperature (1.8 MPa,
Unannealed)

51.0

°C

ISO 75-2/A

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