

## Technical Data Sheet

### *Hostacom* EKC 330NA NATURAL

Polypropylene Compounds



#### Product Description

*Hostacom* EKC 330NA NATURAL high melt flow, medium high flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent impact/stiffness balance, good flowability properties and excellent scratch resistance. It is typically used for interior automotive applications.

#### Regulatory Status

For regulatory compliance information, see *Hostacom* EKC 330NA NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                 |
| <b>Availability</b>      | North America                                      |
| <b>Application</b>       | Automotive Parts; Interior Automotive Applications |
| <b>Market</b>            | Automotive                                         |
| <b>Processing Method</b> | Injection Molding                                  |
| <b>Attribute</b>         | Impact Modified                                    |

| Typical Properties                                                   | Nominal Value | Units             | Test Method   |
|----------------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                                      |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                                     | 18            | g/10 min          | ASTM D1238    |
| Density                                                              | 1.02          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                                    |               |                   |               |
| Flexural Modulus, (23 °C, 2 mm/min)                                  | 1700          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C, 50 mm/min)                          | 19            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                                        |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A) | 35            | kJ/m <sup>2</sup> | ISO 179       |
| Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)        | No Break      |                   | ISO 179       |
| <b>Thermal</b>                                                       |               |                   |               |
| Heat Deflection Temperature A, (1.80 MPa, Unannealed)                | 56            | °C                | ISO 75A-1, -2 |
| <b>Additional Information</b>                                        |               |                   |               |
| Mold Shrinkage                                                       |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations.         |               |                   |               |

#### Notes

These are typical property values not to be construed as specification limits.

#### Processing Techniques

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Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

### Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- (iv) tobacco related products and applications, electronic cigarettes and similar devices.
- (v) safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.

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