

# Hostacom EKC 310 N

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

"Hostacom" EKC 310 N is a high melt flow rate, 10% mineral filled, high impact polypropylene copolymer designed for injection moulding of large painted interior automotive parts such as Instrument Panel. It features excellent processability as well as good impact behaviour. This grade is available in custom color, pellet form.

| General Information                               |                              |                   |             |
|---|------------------------------|-------------------|-------------|
| Filler / Reinforcement                            | Mineral,10% Filler by Weight |                   |             |
| Additive  | UV Stabilizer                |                   |             |
| Features  | Good Processability          |                   |             |
|   | Good UV Resistance           |                   |             |
|   | High Impact Resistance       |                   |             |
|   | Impact Copolymer             |                   |             |
|   | Medium Flow                  |                   |             |
| Uses  | Non-Toxic                    |                   |             |
|   | Automotive Applications      |                   |             |
|   | Automotive Instrument Panel  |                   |             |
|   | Automotive Interior Parts    |                   |             |
| Appearance  | Colors Available             |                   |             |
| Forms   | Pellets                      |                   |             |
| Processing Method                                 | Injection Molding            |                   |             |
| Physical  | Nominal Value                | Unit              | Test Method |
| Density   | 0.990                        | g/cm <sup>3</sup> | ISO 1183/A  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 17                           | g/10 min          | ISO 1133    |
| Mechanical  | Nominal Value                | Unit              | Test Method |
| Flexural Modulus                                  | 1750                         | MPa               | ISO 178     |
| Impact  | Nominal Value                | Unit              | Test Method |
| Notched Izod Impact Strength                      |                              |                   | ISO 180/1A  |
| -30°C   | 5.0                          | kJ/m <sup>2</sup> |             |
| 23°C  | 25                           | kJ/m <sup>2</sup> |             |
| Thermal   | Nominal Value                | Unit              | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 54.0                         | °C                | ISO 75-2/A  |

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