Technical Data Sheet

# *Hostacom* X 437 100000

Polypropylene Compounds

## Product Description

*Hostacom* X 437 100000 is a 20% talc filled PP homopolymer, with high melt flow rate, high stiffness and high thermal resistance. This grade is delivered in black color version.

## Regulatory Status

For regulatory compliance information, see *Hostacom* X 437 100000 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

| | |
|---|---|
| **Status** | Commercial: Active |
| **Availability** | Europe |
| **Application** | Automotive Parts |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 12 | g/10 min | ISO 1133-1 |
| Melt Volume Flow Rate, (230 °C/2.16 kg) | 14 | cm³/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.06 | g/cm³ | ISO 1183-1/A |
| **Mechanical** | | | |
| Tensile Modulus, (23 °C) | 2600 | MPa | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C) | 32 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Charpy Impact Strength - Notched, (23 °C) | 3 | kJ/m² | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C) | 45 | kJ/m² | ISO 179-1/1eU |
| **Thermal** | | | |
| Deflection Temperature Under Load | | | |
| (0.45 MPa, Unannealed) | 120 | °C | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed) | 70 | °C | ISO 75A-1, -2 |



Manufacturer website: https://www.lyondellbasell.com/en/

## Notes

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

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

## Processing Techniques

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

## Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

## Company Information

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

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