

Hostacom TRC 452N G72828

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom TRC 452N G72828 is a 20% talc filled PP copolymer, with excellent impact/stiffness balance, good flowability and good scratch resistance, outstanding blooming resistance at elevated temperatures. Product is available as a customized color matched, pellet form.This grade is delivered in G72828 color version.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

| General Information | | | |
|---|-----------------------------------|----------|-------------|
| Filler / Reinforcement | Talc filler, 20% filler by weight | | |
| Features | Low blur phenomenon | | |
| | Rigid, good | | |
| | Copolymer | | |
| | Impact resistance, good | | |
| | Good liquidity | | |
| | Scratch resistance | | |
| Appearance | Available colors | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density (23°C) | 1.04 | g/cm³ | ISO 1183/A |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 18 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield, 23°C) | 22.0 | MPa | ISO 527-2 |
| Flexural Modulus ¹ (23°C) | 1900 | MPa | ISO 178/A |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179/1eA |
| -30°C | 4.5 | kJ/m² | ISO 179/1eA |
| 23°C | 30 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C) | No Break | | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 54.0 | °C | ISO 75-2/A |
| NOTE | | | |

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