

Hostacom TYC 240N Black

Polypropylene Copolymer
LyondellBasell Industries

Message:

"Hostacom" TYC 240N Black is a 18% mineral filled, impact modified polypropylene copolymer for injection molding. It combines very high fluidity with excellent stiffness/impact balance and with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts and instrument panel parts. The grade is available in black, pellet form.

| General Information | | | |
|--------------------------------|------------------------------|-------------------|-----------------|
| Filler / Reinforcement | Mineral,18% Filler by Weight | | |
| Features | Good Dimensional Stability | | |
| | Good Stiffness | | |
| | High Flow | | |
| | Impact Modified | | |
| | Low Temperature Toughness | | |
| Uses | Aerospace Applications | | |
| | Automotive Instrument Panel | | |
| | Automotive Interior Parts | | |
| Appearance | Black | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.02 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) | 23 | g/10 min | ISO 1133 |
| Molding Shrinkage | 0.90 to 1.1 | % | Internal Method |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus - Secant | 1800 | MPa | ISO 527-2 |
| Tensile Stress (Yield) | 22.0 | MPa | ISO 527-2/50 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179/1eA |
| -30°C | 4.0 | kJ/m ² | |
| 23°C | 35 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | | | |
| 0.45 MPa, Unannealed | 98.0 | °C | ISO 75-2/B |
| 1.8 MPa, Unannealed | 56.0 | °C | ISO 75-2/A |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

