

Technical Data Sheet

Hifax TYC 1235X C2 Black



Polypropylene Compounds

Product Description

Hifax TYC 1235X C2 Black has a very high melt flow, very high flexural modulus, paintable, mineral filled thermoplastic elastomeric olefin (TEO) resin, has an excellent balance of properties and processability. It is typically used for multiple automotive exterior applications.

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

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|--------------------------|---|
| Status | Commercial: Active |
| Availability | Asia-Pacific |
| Application | Exterior Trim |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Dimensional Stability; Good Moldability; High Flow; High Stiffness; Low Shrinkage; Paintable |

| Typical Properties | Nominal Value | Units | Test Method |
|---------------------------------------|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 30 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.07 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus, (23 °C) | 2700 | MPa | ISO 178 |
| Flexural Strength, (23 °C, Tech. A) | 30 | MPa | ISO 178/A1 |
| Tensile Strength, (23 °C) | 22 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C) | 19 | kJ/m ² | ISO 180 |

Notes

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