

Technical Data Sheet

Hifax TYC 1190X BLACK

Polypropylene Compounds

Product Description

Hifax TYC 1190X BLACK high melt flow, 1,600 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It is typically used for automotive bumper fascia applications.

| | |
|--------------------------|--|
| Status | Commercial: Active |
| Availability | North America |
| Application | Automotive Parts; Bumpers; Exterior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Dimensional Stability; Good Impact Resistance; Good Processability; Good Stiffness; High Flow |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 25 | g/10 min | ASTM D1238 |
| Density, (23 °C) | 1.01 | g/cm ³ | ISO 1183 |
| Mechanical | | | |
| Flexural Modulus, (23 °C) | 1600 | MPa | ISO 178 |
| Tensile Stress at Yield, (23 °C) | 17 | MPa | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C) | >500 | % | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched, (23 °C) | 55 | kJ/m ² | ISO 179 |
| Additional Information | | | |
| Mold Shrinkage | | | ISO 294-4 |

Please contact LyondellBasell for shrinkage recommendations.

Notes

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