

Technical Data Sheet

Hifax TYC1175P G01 BLACK



Polypropylene Compounds

Product Description

Hifax TYC1175P G01 BLACK is a very high melt-flow, UV stabilized TPO compound typically used for automotive applications.

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|--------------------------|---|
| Application | Automotive Parts |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Moldability; High Flow; UV Resistant |

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 40 | g/10 min | ASTM D1238 |
| Density, (23 °C, Method A) | 1.03 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus, (23 °C) | 2150 | MPa | ISO 178 |
| Tensile Stress at Yield, (23 °C, 50 mm/min) | 19 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 35 | kJ/m ² | ISO 180 |
| (-20 °C) | 6 | kJ/m ² | ISO 180 |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 110 | °C | ISO 75B-1, -2 |
| Additional Information | | | |
| Mold Shrinkage | | | ISO 294-4 |
| Please contact LyondellBasell for shrinkage recommendations. | | | |