



Hifax TYC 1123P RXF Black

Compounded Polyolefin

Product Description

Hifax TYC 1123P RXF Black high melt flow, medium high flexural modulus, precolored, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties. It was designed primarily for automotive exterior trim applications.

Product Characteristics

| | |
|--------------------------------------|---|
| Test Method used | ISO |
| Processing Methods | Injection Molding |
| Features | High Impact Resistance , Good Moldability , Good Weather Resistance |
| Typical Customer Applications | Exterior Applications |

| Typical Properties | Method | Value | Unit |
|--|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 35 | g/10 min |
| Density (23°C) | ISO 1183 | 1.01 | g/cm ³ |
| Mechanical | | | |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 18.7 | MPa |
| Flexural modulus (23 °C) | ISO 178 | 1650 | MPa |
| Impact | | | |
| Multiaxial Impact Strength | ASTM D3763 | | |
| (-30°C, 2.2 m/s) | | 23.6 | J |
| (23°C, 2.2 m/s) | | 19.7 | J |
| Thermal | | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 91 | °C |
| Additional Information | | | |
| Mold shrinkage | ISO 294-4 | | |