

Hifax TRC 1204X

Compounded Polyolefin

Product Description

Hifax TRC 1204X 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 was designed for use in multiple automotive exterior applications.

Product Characteristics

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|-------------------------------|--|
| Test Method used | ISO |
| Processing Methods | Injection Molding |
| Features | Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , Paintable, Low Shrinkage, High Stiffness |
| Typical Customer Applications | Body Panels, Exterior Applications |

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 30 | g/10 min |
| Density (Method A) | ISO 1183 | 1.16 | g/cm ³ |
| Mechanical | | | |
| Tensile Stress at Yield (23°C) | ISO 527-1, -2 | 17 | MPa |
| Flexural modulus (23°C) | ISO 178 | 2700 | MPa |
| Additional Information | | | |
| Mold shrinkage | ISO 294-4 | | |
| <i>Note: Please contact LyondellBasell for shrinkage recommendations.</i> | | | |

Additional Properties

Multi-axial instrumented impact, energy at max load at -10°C (2.2 m/sec) = 21 J (ductile failure mode). CLTE, Parallel = 2.70 E-05 1/°C. CLTE, Perpendicular = 2.70 E-05 1/°C.

Notes

Typical properties; not to be construed as specifications.

