

Description

TPSeal® PP 10T1 is a metallocene random copolymer Polypropylene (mPP) Compound.

TPSeal® PP 10T1 is intended for the manufacture of rotomoulded items and available in natural, in pellets or in powder.

Main Characteristics

Its specific molecular structure ensures:

- ✓ Low warpage, low shrinkage
- ✓ High gloss
- ✓ Good transparency as monolayer
- ✓ Excellent contact transparency in multi-layer applications

Application

Structural parts, design (furniture), house appliances such as lamp, ...

Properties

| Property | Method | Unit | Typical value (*) |
|--|------------|---------|-------------------|
| Melt Flow Rate (230°C-2.16kg) | ISO 1133/D | g/10min | 10.0 |
| Melting Temperature | ISO 11357 | °C | 140 |
| Vicat Softening Point (Method A50) | ISO 306 | °C | 124 |
| Heat Deflection Temperature (Method B) | ISO 75 | °C | 92 |
| Tensile modulus | ISO 527 | MPa | 1400 |
| Tensile strength @yield | ISO 527 | MPa | 33 |

(*) Data not intended for specification purposes

Processing conditions

It is recommended to keep product dry prior use for production.