

## 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.