



Refining & Chemicals
Polymers

TPSeal® PP 10T1

Technical Data Sheet
Specialty Compounds
Polypropylene Rotational Moulding
Produced in Europe

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.

Handling and storage

Please refer to the material safety data sheet (MSDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the MSDS of our product.

MSDS may be obtained from the website: <http://www.polymers.total.com/>

Specialty Compound

Information contained in this publication is true and accurate at the time of publication and to the best of our knowledge. The nominal values stated herein are obtained using laboratory test specimens. Before using one of the products mentioned herein, customers and other users should take all care in determining the suitability of such product for the intended use. Unless specifically indicated, the products mentioned herein are not suitable for applications in the pharmaceutical or medical sector. The Companies within Total Refining & Chemicals do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The Companies disclaim any liability that may be claimed for infringement or alleged infringement of patents.