



Refining & Chemicals
Polymers

TPSeal® PE FOAM 155

Technical Data Sheet
Specialty Compounds
Polyethylene Rotational Moulding
Produced in Europe

Description

TPSeal® PE FOAM 155 is based on a new generation metallocene Polyethylene with hexene as comonomer.

TPSeal® PE FOAM 155 is a natural Specialty Compound, provided under a powder form which contains an additive allowing the product to expand during the rotomolding process.

It is suitable for use in Rotational Moulding.

Main Characteristics

Its specific molecular structure ensures:

- ✓ Superior mechanical properties
- ✓ Improved dimensional stability
- ✓ Easy processing

Application

Structural parts. Water sports application.

Properties

Property	Method	Unit	Typical value (*)
Density (**)	ISO 1183	g/cm ³	0.940
Melt Flow Rate (190°C-2.16kg)	ISO 1133/D	g/10min	3.8
Expansion factor	-	-	> 6

(*) Data not intended for specification purposes

(**) Based on natural resin

Processing conditions

It is recommended to keep product dry prior use for production.
Please contact our Technical Service for processing recommendations.

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.