



## TPe RX<sup>®</sup> P535 - Technical Data Sheet

### 1. Introduction

TPe RX<sup>®</sup> P535 Santoprene<sup>®</sup> is conform to the European Food Directive 90/128/EC for contact with aqueous foods. Not to be used in contact with fatty foods (please contact us). TPe RX<sup>®</sup> P535 Santoprene<sup>®</sup> is conform to US FDA 21 CFR 177.1210 and 177.2600 for contact with aqueous foods.



### 2. Product Description

Chemical Composition :	PP/EPDM thermoplastic elastomer
Physical form :	Cord / Extrusions
Color :	Cream
Specific Weight :	0,93
Storage stability * :	Excellent

\* : Following ISO 2230 conditions



### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	58° Shore A
Tensile Strength at break	ISO 37	5,0 Mpa
Elongation at break	ISO 37	350 %
Compression Set	ISO 815	
22h/23°C		20 %
22h/70°C		22 %

### 4. Temperature Resistance

- -50° to +110°C

### 5. Advantages

- Alternative to EPDM or other rubber compounds
- Recyclable
- Available in many colours
- Can be welded
- Can be glued (cyanoacrylate)
- Can be produced in small quantities
- Tolerances ISO 3302-E2
- Can be adhesive backed

### 6. Applications

- Excellent for food and pharmaceutical industry
- FDA 177.2600 compliant
- Certificate on demand

### 7. Other Information

- This compound is ADI (Animal Derived Ingredient Free).

This information is, to the best of our knowledge, accurate and reliable to the date indicated. The above mentioned data have been obtained by tests we consider as reliable. We don't assure that the same results can be obtained in other laboratories, using different conditions by the preparation and evaluation of the samples.

01.10.2006