



TPe RX[®] P534 - Technical Data Sheet

1. Introduction

TPe RX[®] P535 Santoprene[®] 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[®] P535 Santoprene[®] 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	64° Shore A
Tensile Strength at break	ISO 37	5,4 Mpa
Elongation at break	ISO 37	350 %
Compression Set	ISO 815	
22h/23°C		28 %
22h/70°C		25 %

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).