

## TPe RX<sup>®</sup> P2003 - Technical Data Sheet

#### 1. Introduction

TPe RX<sup>®</sup> P2003 is a SEBS thermoplastic elastomer with extreme low shore hardness and alternative to PARA rubber compounds.

### 2. Product Description

Chemical Composition: SEBS (Styrene-ethylene-Butadiene-Styrene)

Physical form: Cord / Extrusions

Color: Light cream

Specific Weight: 1,00

Storage stability\*: Excellent





### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 7619	30° Shore A
Tensile Strength at break	ISO 37	5,2 Mpa
Elongation at break	ISO 37	600 %
Compression Set	ISO 815	
72h/23°C		8 %
24h/55°C		75 %

# HRI

### 4. Temperature Resistance

• -40° to +50°C

### 5. Advantages

- Alternative to PARA rubber
- Recycable
- 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

- Replacement of cellular and spongerubber
- Excellent for food and pharmaceutical industry
- FDA 177.2600 compliant
- Can be used in contact with foodstuffs.

### 7. Other Information

 This compound is ADI (Animal Derived Ingredient Free).



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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







<sup>\*:</sup> Following ISO 2230 conditions