



## 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

\* : Following ISO 2230 conditions

### 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 %

### 4. Temperature Resistance

- -40° to +50°C

### 5. Advantages

- Alternative to PARA rubber
- 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

- 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).

