



## TPe RX<sup>®</sup> P344 - Technical Data Sheet

### 1. Introduction

TPe RX<sup>®</sup> P344 is a SEBS thermoplastic elastomer, recyclable, alternative to EPDM rubber compounds.

### 2. Product Description

Chemical Composition :	SEBS (Styrene-ethylene-Butadiene-Styrene)
Physical form :	Cord / Extrusions
Color :	Light cream
Specific Weight :	1,14
Storage stability * :	Excellent

\* : Following ISO 2230 conditions

### 3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	65° Shore A
Tensile Strength at break	ISO 527	4,3 Mpa
Elongation at break	ISO 527	200 %
Compression Set	ISO 815	
72h/23°C		14 %
24h/70°C		23 %
22h/100°C		39 %

### 4. Temperature Resistance

- -35° to +90°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 and BGVV compliant
- Certificate on demand

### 7. Other Information

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

