

TPe RX[®] P344 - Technical Data Sheet

1. Introduction

TPe RX® P344 is a SEBS thermoplastic elastomer, recycable, 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
- 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

- 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).







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.

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