



TPe RX[®] P205 - Technical Data Sheet

1. Introduction

TPe RX[®] P205 is a SEBS thermoplastic elastomer, recycable, alternative to mechanical and abrasion resistant rubber compounds.

2. Product Description

Chemical Composition :	SEBS (Styrene-ethylene-Butadiene-Styrene)
Physical form :	Cord / Extrusions
Color :	Translucent
Specific Weight :	0,90
Storage stability * :	Excellent

* : Following ISO 2230 conditions

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 868	45° Shore A
Tensile Strength at break	ISO 37	6,3 Mpa
Elongation at break	ISO 37	500 %
Compression Set	ISO 815	
72h/23°C		20 %
22h/70°C		49 %
22h/100°C		87 %

4. Temperature Resistance

- -50° to +95°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).

