



TPE RX[®] P300 - Technical Data Sheet

1. Introduction

TPE RX[®] P300 is a SEBS thermoplastic elastomer with extreme low shore hardness.

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 | 12° Shore A |
| Tensile Strength at break | ASTM D 638 | 3,0 Mpa |
| Elongation at break | ASTM D 638 | 800 % |
| Compression Set 24h/23°C | ISO 815 | 25 % |

4. Temperature Resistance

- -50° to +60°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

- Replacement of cellular and spongerubber
- Excellent for food and pharmaceutical industry
- FDA 177.2600 and BGVV compliant
- Certificate on demand
- 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.