



TPe RX[®] P503 - Technical Data Sheet

1. Introduction

TPe RX[®] P503 is a PP/EPDM thermoplastic elastomer, recyclable.

2. Product Description

Chemical Composition :	PP/EPDM thermoplastic elastomer
Physical form :	Cord / Extrusions
Color :	Black
Specific Weight :	0,95
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 37	5,9 Mpa
Elongation at break	ISO 37	490 %
Compression Set	ISO 815	
22h/23°C		28 %
22h/70°C		41 %

4. Temperature Resistance

- -40° to +90°C

5. Advantages

- Replaces 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

- For industrial use

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.