

# TPRR 501

## Technical data sheet



<b>Description:</b>	Biobased material containing fillers from tree limbs and tops Good replacement for HDPE and PP
<b>Applications:</b>	Stiff and impact resistant products Suitable for outdoor products
<b>Impact:</b>	Suitable for various injection moulded products

## 1. PRODUCT IDENTIFICATION AND SUPPLIER DETAILS

### PRODUCT IDENTIFICATION

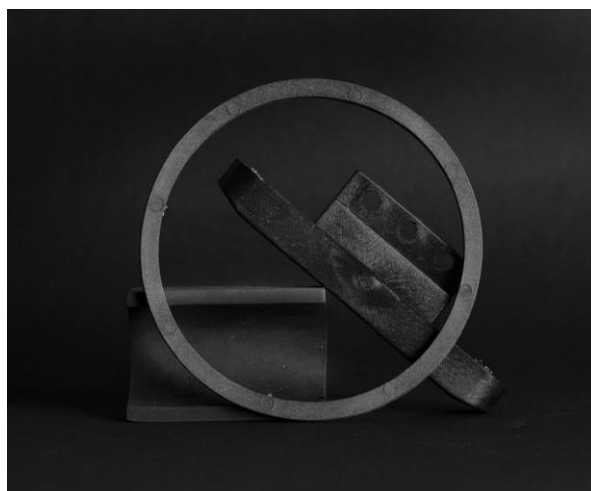
<b>Product name</b>	TPRR 501
<b>Product description</b>	TPRR (Thermoplastic recycled rubber) material consisting mainly of recycled plastics and recycled rubber.
<b>Physical Appearance</b>	Black solid plastic pellets, approximately 3 mm – 5 mm.
<b>Recommended Use</b>	Injection moulding and various industrial processes.

### SUPPLIER DETAILS

<b>Manufacturer</b>	Ecorub AB (publ) Hökmark 114, 932 93 Lövånger, Sweden
<b>Website</b>	<a href="http://www.ecorub.se">www.ecorub.se</a>
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## 2. PRODUCT CHARACTERISTICS

PROPERTIES	TEST CONDITIONS	TYPICAL VALUES	TEST METHODS
Tensile Modulus	1 mm/min	530 Mpa	ISO 527-2/1A
Tensile Strength	50 mm/min	13 Mpa	ISO 527-2/1A
Elongation at Yield	50 mm/min	10 %	ISO 527-2/1A
Charpy Impact Strength	Notched A (23 °C)	7.3 kJ/m <sup>2</sup>	ISO 179-1/1eA
Hardness	Shore D	53	ISO 48-4
Density	Method A	0.99 g/cm <sup>3</sup>	ISO 1183-1
Melt Flow Rate	230 °C and 2.16 kg	4 g/10min	ISO 1133-1



To the best of our knowledge, the information for the presented product in this technical data sheet is accurate at the date of publication. However, the presented information is only typical properties/characteristics and is no warranty for the performance of the product in any specific purposes, but the customer is responsible to perform necessary tests of Ecorub's products to inspect the suitability for specific purposes. It is also the customer's responsibility to ensure that the products are handled and processed in a safe and appropriate manner in accordance with applicable legislation, recommendations and similar. Ecorub does not accept any liability when our products are used together with any other materials and/or products.