

# 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>	Very UV resistant 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
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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
Strain at Break	50 mm/min	11 %	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	0.991 g/cm <sup>3</sup>	ISO 1183-1
Melt Flow Rate	230 °C and 2.16 kg	4 g/10min	ISO 1133



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