

# TPRR 070

## Technical data sheet



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| <b>Description:</b>  | 85 % recycled content including recycled car tires<br>Good replacement for TPE and rubber materials       |
| <b>Applications:</b> | Flexible and soft products, for example seals and tubings etc.  |
| <b>Impact:</b>       | Processing and production with conventional techniques<br>Suitable for various injection moulded products |

## 1. PRODUCT IDENTIFICATION AND SUPPLIER DETAILS

### PRODUCT IDENTIFICATION

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | TPRR 070  |
| <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)<br>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 Strength       | 500 mm/min         | 4.6 Mpa                | ISO 37        |
| Elongation at Break    | 500 mm/min         | 220 %                  | ISO 37        |
| Tear Strength          | 100 mm/min         | 10 kN/m                | ISO 34-1      |
| Charpy Impact Strength | Notched A (23 °C)  | No Break               | ISO 179-1/1eA |
| Hardness               | Shore A            | 72                     | ISO 48-4      |
| Density                | Method A           | 0,95 g/cm <sup>3</sup> | ISO 1183-1    |
| Melt Flow Rate         | 230 °C and 2.16 kg | 12 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.