## TECHNICAL DATA SHEET

### Product name

**GENAN PELLETS 3.8 / 35**

**Revised**

01.03.2021

### Product description

Homogeneous pellets made from rubber powder, derived from end-of-life tyres through granulation and cleaning. As pellets are uniform in size, the material compacts only slightly when laid (mixed with polyurethane binder). The result is high elasticity and a low PU usage rate.

### Contact Data of Manufacturer

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### Typical properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test methods</th>
<th>Unit</th>
<th>Specification</th>
<th>Typical values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific density</td>
<td>ASTM D1817-05(2016)</td>
<td>kg/m³</td>
<td>1.100-1.200</td>
<td>1.160</td>
</tr>
<tr>
<td>Bulk density</td>
<td>EN 1097-3.1998</td>
<td>kg/m³</td>
<td>440 ±8%</td>
<td>440</td>
</tr>
<tr>
<td>Pellet size range: d10 - D90</td>
<td>ISO 13322:2:2006</td>
<td>mm</td>
<td>28-40</td>
<td>35</td>
</tr>
<tr>
<td>Total polymer content (RCH)</td>
<td>ISO 9924-3:2009</td>
<td>%</td>
<td>≥ 40</td>
<td>45</td>
</tr>
<tr>
<td>Ash content</td>
<td>ISO 9924-5:2009</td>
<td>%</td>
<td>&lt; 15</td>
<td>8</td>
</tr>
<tr>
<td>Moisture content (Loss: 2h @ 105°C)</td>
<td>ASTM D1509 - 15</td>
<td>%</td>
<td>≤ 3</td>
<td>≤ 1</td>
</tr>
<tr>
<td>PAH 8 REACH</td>
<td>AFPS GS 2019:01 PAK</td>
<td>mg/kg</td>
<td>≤ 20</td>
<td>&lt; 15</td>
</tr>
</tbody>
</table>

### Remarks

**DIN 18035-7:2019**

The product GENAN PELLETS 3.8 / 35 complies with all requirements in relation to migration according to DIN 18035-7:2019.

**EN 71-3:2019**

The product GENAN PELLETS 3.8 / 35 complies with all requirements according to EN 71-3:2019_Safety of Toys – Part 3: Migration of certain elements.

**ASTM F3188-16**

The product GENAN PELLETS 3.8 / 35 complies with all requirements according to ASTM F3188-16_Standard Specification for Extractable Hazardous Metals in Synthetic Turf Infill Materials.

**PAH 8 REACH**

A material sample has been extracted in accordance with EN 17409:2019, and the result is presented as a moving average of the 4 most recent analyses.

**Health & Safety**

Guidelines on health and safety are stated in the relevant Safety Data Sheet, which may be downloaded from the Genan website at any time.

Characteristics stated are typical for the product. The product is derived from a large number of different tyres; consequently, Genan cannot give any exact values on the chemical composition of the material. The above-mentioned characteristics and values have been prepared to the best of our knowledge, and Genan shall not be liable for any insufficiency or inaccuracy in such information.