Amperit® 716

Chemical Formula: \( \text{Cr}_2\text{O}_3\cdot\text{TiO}_2\cdot\text{SiO}_2 \) 92-3-5

Chemical Name: Chromium Oxide-Titanium Oxide-Silicon Oxide 92-3-5

Description of Product: Blended

Particle Sizes Available

Product Designation
- Amperit® 716.066 53/15 \( \mu \text{m} \)
- Amperit® 716.054 45/10 \( \mu \text{m} \)

Chemical Characteristics (Mass fraction in % [cg/g]; ppm [µg/g])

- \( \text{SiO}_2 \): 3 - 5 %
- \( \text{TiO}_2 \): 2 - 3.5 %
- \( \text{Fe}_2\text{O}_3 \): max. 0.2 %
- \( \text{Cr}_2\text{O}_3 \): balance

Physical Characteristics

Particle Size Distribution

<table>
<thead>
<tr>
<th>Size (µm)</th>
<th>716.066</th>
<th>716.054</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 88 µm</td>
<td>100 %</td>
<td>100 %</td>
</tr>
<tr>
<td>- 62 µm</td>
<td>min. 90 %</td>
<td>min. 95 %</td>
</tr>
<tr>
<td>- 15 µm</td>
<td>max. 10 %</td>
<td></td>
</tr>
<tr>
<td>- 11 µm</td>
<td></td>
<td>max. 10 %</td>
</tr>
<tr>
<td>D 10 %</td>
<td>min. 16 µm</td>
<td>min. 12 µm</td>
</tr>
<tr>
<td>D 50 %</td>
<td>28 - 35 µm</td>
<td>23 - 26 µm</td>
</tr>
<tr>
<td>D 90 %</td>
<td>max. 58 µm</td>
<td>max. 48 µm</td>
</tr>
</tbody>
</table>

1) MICROTRAC by Laser Light Diffraction per ASTM C 1070.
Packaging
Standard Packaging
5 kg in one 2.5 l PE bottle, 6 bottles (30 kg) in one cardboard box.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)
None.

Documentation
An inspection document in accordance with EN 10204 is supplied with every shipment.

Remarks
Always mix well before using.

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