EBROSIL® H155 AT
Highly reinforcing, highly dispersible white filler for rubber

NATURE AND ASPECT
White microspheres of amorphous precipitated silica, SiO₂.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Method</th>
<th>Values</th>
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<tbody>
<tr>
<td>BET surface area (m²/g)</td>
<td>ISO 5794-1 155</td>
</tr>
<tr>
<td>pH (5% suspension in water)</td>
<td>ISO 787/2 7.0</td>
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<tr>
<td>Soluble salts (%)</td>
<td>ISO 7888 &lt;3</td>
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<tr>
<td>Fines (&lt;75 μm, %)</td>
<td>Internal &lt;10</td>
</tr>
<tr>
<td>Moisture (%)</td>
<td>ISO 787/2 6.5</td>
</tr>
</tbody>
</table>

| Reinforcement                  | High |
| Processability                 | Average |
| Dispersion (with silane)       | Very good |

* Typical values. Specifications provided upon request.

PROPERTIES
- High mechanical reinforcement in elastomers.
- Excellent dispersion with high levels of filler combined with silanes.
- Specially developed for tire treads.
- High degree of fluidity, easy to transport and incorporate, low dust development.
FIELDS OF APPLICATION

- Tire industry as a reinforcing filler in SBR/BR rubbers.
- Reinforcing filler in natural and synthetic rubbers, for the manufacture of technical parts, footwear, etc.
- It can be used as a filler in other polymeric systems, providing different effects according to the interaction of the silica with the polymer: matting, anti-blocking, barrier effect …

APPLICABLE REGULATIONS

- It is not classed as a dangerous substance according to Regulation (EC) no. 1272/2008 on classification, labelling and packaging of substances and mixtures.
- It is included in the positive list of authorized additives for polymer compounds intended for contact with food, Regulation (EC) 10/2011, as FCM504 and can be used without restrictions.
- It is registered according to Regulation (EC) 1907/2006 on the registration, evaluation, authorization and restriction of chemical substances and preparations (REACH).

STORAGE AND HANDLING

Store in a dry place. These products should be used preferably within one year of the manufacturing date. Appropriate precautions should be taken when handling these products, as indicated in the safety data sheet.

PACKAGING

- Multi-layer paper sacks.
- Big bags.
- Bulk.