d₂p® Anti-insect Technology

d₂p® AI provides a safe and effective anti-insect solution supplied as a plastic additive masterbatch to protect thin-wall irrigation pipes against insect damage. Preventing damage to these pipes saves wastage of water as well as money spent on repairs and replacements. d₂p® AI can be added to regular polymer during the manufacturing process with little or no change to processing conditions.

Proven efficacy

Field studies demonstrated that 8mm drip-tape treated with d₂p® outperformed both standard 8mm and 10mm drip tape - with just 12 holes compared to 4,086 in the unprotected tape.

Applications

- Irrigation pipes
- Agricultural film / mulch film
- Mosquito nets - LLIN
- Plastic walls and ceilings
- Plastic coated laminate floorings
- Table-tops and work surfaces

Protection lasts for the lifetime of the product.
d₂p® Anti-insect Technology

d₂p AI masterbatch is also suitable for anti-mosquito netting.

<table>
<thead>
<tr>
<th>TEST</th>
<th>Anti-mosquito</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST STANDARD</td>
<td>Cone Testing</td>
</tr>
<tr>
<td>Insect Used: Anopheles stephensi</td>
<td></td>
</tr>
<tr>
<td>Insects knocked down in 1 hour</td>
<td>Mortality after 24 hours</td>
</tr>
<tr>
<td>Insect Screen (Control)</td>
<td>0%</td>
</tr>
<tr>
<td>Insect Screen with 2.2% d₂p</td>
<td>100%</td>
</tr>
</tbody>
</table>

Approved in USA and EU Registered and approved in the EU BIOCIDAL REGULATION 528, in both PT-08 and PT-18

The d₂p screen immobilized 100% of mosquitoes and killed 86% in 24 hours, in tests with insect screens made with 2.2% d₂p masterbatch, compared to a control screen without d₂p.

Protection lasts for the lifetime of the product.

Disclaimer: The information provided is general information. For specific applications, please consult our Technical Department. The buyer is responsible for advertising and labeling of products made with d₂p, and for compliance with all applicable laws and codes of practice in the place where such products are to be supplied, advertised or used.