The Versatile Automotive Material

Light weight, durable, high temperature performance

ZOTEK® N

ZOTEOAMS
When the heat is on

ZOTEK® N combines all the recognised benefits of nylon with the advantages of a foam. It is adaptable and lightweight with excellent high temperature performance and hydrocarbon resistance. It also retains nylon's intrinsic durability and toughness. In short, it could hardly be better suited to the latest strategic challenges facing the global automotive industry.

ZOTEK® N offers the automotive industry weight reduction opportunities to assist in the drive to meet European and US emissions control regulations. Its high temperature capabilities are a match for hotter under the bonnet conditions and also offer process improvement possibilities for both mainstream production and composites manufacture too.

ZOTEK® N's high temperature applications range from manufacturing process aid, resisting the paint bake cycle, through the engine compartment, heating and ventilation system, to the composite cores of parts and panels.

The ZOTEK® N Premium

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>ND35</th>
<th>NB50</th>
<th>NB70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density kg/m³</td>
<td>ISO845</td>
<td>36</td>
<td>52</td>
<td>66.2</td>
</tr>
<tr>
<td>Tensile Strength (kPa)</td>
<td>ISO1798</td>
<td>950</td>
<td>1300</td>
<td>1680</td>
</tr>
<tr>
<td>Elongation at Break %</td>
<td>ISO1798</td>
<td>85</td>
<td>70</td>
<td>110</td>
</tr>
</tbody>
</table>
When the heat is on

ZOTEK® N combines all the recognised benefits of nylon with the advantages of a foam. It is adaptable and lightweight with excellent high-temperature performance and hydrocarbon resistance. It also retains nylon's intrinsic durability and toughness. In short, it could hardly be better suited to the latest strategic challenges facing the global automotive industry.

ZOTEK® N offers the automotive industry weight reduction opportunities to assist in the drive to meet European and US emissions control regulations. Its high temperature capabilities are a match for hotter under the bonnet conditions and also offer process improvement possibilities for both mainstream production and composites manufacture too.

ZOTEK® N's high temperature applications range from manufacturing process aid, resisting the paint bake cycle, through the engine compartment, heating and ventilation system, to the composite cores of parts and panels.

ZOTEK® N
High Temperature Performance
Up to 205°C. Lightweight yet robust enough for engine compartment, bulk head, HVAC and process applications.
ZOTEK® N
The ZOTEK® Automotive Design Premium

- Up to 205°C
- Lightweight
- Durable
- Cold resistant
- Hydrocarbon resistant
- UV resistant
- Established automotive polymer
- Impact resistant
- Chemically resistant
- Buoyant
- Thermally insulated
- Consistent cell size & structure

ZOTEKOFS

For more information

ZOTFOAMS plc
675 Mitcham Road
Croydon CR9 3AL United Kingdom
Tel: +44 (0) 20 8664 1600
Fax: +44 (0) 20 8664 1616
Email: zotek@zotefoams.com

ZOTFOAMS, inc
55 Precision Drive
Walton Kentucky 41094 USA
Tel: +1 859 371 4046 FREE: (800) 362-8358 (US Only)
Fax: +1 859 371 4734
Email: custserv@zotefoams.com

Visit our website www.zotefoams.com

ZOTEK® is a registered trademark of Zotefoams plc

Reduced Resin Uptake
Reduced Adhesive Uptake
Stitchable
Laser Cutting
Heat Stable
Vacuum Formable
Thermal Bonding
Thermoformable
Splitable
High Quality Surface Finish
Robust Edges
Ductile

Copyright © 2015 Zotefoams plc

Version No N151215