No Sweat: VORA Zzz™ Ultra High-Airflow and Moisture-Wicking Foam Enables a Drier, Cooler, More Comfortable Sleep

It sounds impossible, but it’s true: The average person generates more than a half of a pint of sweat per 8 hours of sleep. Being swamped in dampness explains why so many people eventually get chilled and wake up, disrupting their rest.

VORA Zzz™ Ultra High Airflow and Moisture-Wicking Foam Technology for use in memory foams can put an end to that. Featuring a significant step change in airflow capability (Figure 1), VORA Zzz™ foam technology offers an exceptional wicking time performance (Figure 2) that is a mere fraction of other foam technologies.

In much the same way high-performance exercise clothing wicks sweat away from the skin of athletes, VORA Zzz™ foam technology drives moisture and its inherent humidity away from the body. Wicking the moisture away from the body creates a dry, comfortable sleep environment to help enable a prolonged, healthier sleep.

So don’t sweat the details, let Dow help you provide consumers with a more comfortable sleep with VORA Zzz™ foam technology.

ComfortScience Benefits
VORA Zzz™ foam technology offers many advantages to both foamers and mattress and pillow manufacturers, including:
- High airflow allows heat to transfer through the foam quickly
- Exceptionally fast wicking time performance
- Lower Tg (60 °F) can be achieved

Applications
VORA Zzz™ foam technology is primarily intended for use in memory foams popular in mattresses and pillows, but can also be adapted to virtually any furniture or consumer item with foam.
Figure 1. Airflow

<table>
<thead>
<tr>
<th></th>
<th>Control VE</th>
<th>Popular VE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airflow (cubic feet/min)</td>
<td>8.78</td>
<td>3.15</td>
</tr>
</tbody>
</table>

Figure 2. Wicking Time

<table>
<thead>
<tr>
<th></th>
<th>Control VE</th>
<th>Popular VE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wicking Time (second)</td>
<td>0.20</td>
<td>7.86</td>
</tr>
</tbody>
</table>

For more information and product samples, contact us at your convenience:

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