

## TDS Technical Data Sheet



| Physical Properties                                          | Test Method                              | Unit              | Value         |
|--------------------------------------------------------------|------------------------------------------|-------------------|---------------|
| <b>Nominal Density</b>                                       | ASTM D3575-08 Suffix W<br>ISO 845:2006   | Kg/m <sup>3</sup> | 65            |
| <b>Compressive Strength</b>                                  |                                          |                   |               |
| 25% (4th compression)                                        | ISO 3386 1986 part 1                     | KPa               | 43            |
| 50% (4th compression)                                        | DIN 53577                                |                   | 125           |
| 70% (4th Compression)                                        |                                          |                   | 360           |
| <b>Compressive Creep</b><br>(3 psi - 21 kg/dm <sup>2</sup> ) | ASTM D3575-08<br>Suffix BB               | %                 | < 5 (168 hrs) |
| <b>Thermal Stability</b><br>(24hrs at 70°C)                  | ASTM D3575-08 Suffix S<br>ISO2796        | %                 | < 2           |
| <b>Tensile Strength @ peak</b><br>(MD/CD)                    | ASTM D3575-08 Suffix T<br>ISO 1798: 2008 | KPa               | 440<br>380    |
| <b>Tensile Elongation</b><br>(MD/CD)                         | ASTM D3575-08 Suffix T<br>ISO 1798: 2008 | %                 | 35<br>27      |
| <b>Water Absorption</b>                                      | ASTM D3575-08 Suffix L<br>ISO 2896: 1986 | Volume %          | < 1           |
| Cell Size                                                    | BS 4443/1 Met.4                          | Cells/25mm        | ≥ 31          |
| Working temperature                                          | -                                        | °C                | -60 +80       |

(1) These numerical laboratory fire-test-response characteristics are not intended to reflect hazards presented by this material under actual fire conditions

NOTICE: The data presented for this product is for unfabricated polyethylene foam product. While values shown are typical of this product, they should not be construed as specification limits. Sealed Air makes no warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, with respect to any product, information or recommendation or recommendations referred to herein, and shall not be liable for any loss or damage, directly or indirectly, related to such product, information or recommendations or for consequential or incidental damages. User should test each application to determine suitability of the product for the intended use. Recycled percentage varies as condition of recycled scrap varies. Recycled resin used in this product is pre-consumer. Due to the use of various sources of recycled content, colour, surface appearance and cell size variation is an inherent characteristic of this product.