**FACT SHEET**

Hot Water TPE: Meeting the new KTW-BWGL Standard

---

**Our Know-how – Your Advantage**

- KTW-BWGL for cold 23°C, warm 60°C and hot water 85°C coming soon
- Very good compression set at higher temperatures
- Improved flow behavior
- Improved demolding properties
- Colorable
- Hardness from 55 Shore A to 35 Shore D
- Adhesion to PP and PE
- Optimized for injection molding
- P1 and P2 certification

---

**Hartmut Arheidt**  
Market Manager Industry

“With our trendsetting new Hot Water TPE, we are already meeting the requirements of the KTW-BWGL. All relevant testing is in the process of completion, and we expect the final KTW-BWGL certification this year. This minimizes the approval effort for our customers and accelerates the introduction of next-generation applications.”

---

**Typical Applications**

- Sealings with drinking water contact like showers, household appliances, water installations, heating systems, water meters
- Fittings
- Shower heads / jet former mats
- Design elements
- Membranes

---

**Technical Data**

<table>
<thead>
<tr>
<th>DW/CS2 Series</th>
<th>DW5OCX-LCNT</th>
<th>DW8OCX-LCNT</th>
<th>DW0OCX-LCNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness</td>
<td>Shore</td>
<td>55 ShA</td>
<td>85 ShA</td>
</tr>
<tr>
<td>Density</td>
<td>g/cm³</td>
<td>0.905</td>
<td>0.906</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>MPa</td>
<td>9.0</td>
<td>30.0</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>%</td>
<td>700</td>
<td>700</td>
</tr>
<tr>
<td>Tear Resistance</td>
<td>N/mm</td>
<td>60.0</td>
<td>47.0</td>
</tr>
<tr>
<td>CS 72h/23°C</td>
<td>%</td>
<td>25</td>
<td>40</td>
</tr>
<tr>
<td>CS 24h/70°C</td>
<td>%</td>
<td>38</td>
<td>53</td>
</tr>
<tr>
<td>Color</td>
<td>translucent</td>
<td>translucent</td>
<td>translucent</td>
</tr>
</tbody>
</table>

---

**TALK TO OUR EXPERTS!**

**KRAIBURG TPE GMBH & CO. KG - EUROPE, MIDDLE EAST, AFRICA**  
info@kraiburg-tpe.com

**KRAIBURG TPE TECHNOLOGY (M) SDN. BHD. - ASIA PACIFIC**  
info-asia@kraiburg-tpe.com

**KRAIBURG TPE CORPORATION - AMERICAS**  
info-america@kraiburg-tpe.com