SaFRon-6605

**Chemical name:** Proprietary  
**Formula:** x  
**CAS Number:** TRADE SECRET

**General & Use:**
SaFRon 6605 is one of ICL-IP’s new FR-6000 series Flame Retardants (FRs) designed to provide the market with tailor made solutions for specific and high demanding applications.

The uniqueness of SaFRon 6605, a new cost efficient flame retardant system, is that it offers the best solution to rigid polyurethane application in achieving the ASTM E-84 Tunnel test, as well as German class B2 according to DIN 4102.

SaFRon 6605 provides fire retardant efficiency and performance at low addition levels. Its combination of high halogen contents and low viscosity makes it suitable for use in systems and preblends for spray polyurethane foam applications, continuous production of insulation panels and laminates, as well as discontinuous productions of blocks and panels, and also for spray coating applications, pour-in-place systems and components adhesive systems with one or more components.

**For health & safety matters please refer to MSDS**

**Typical Properties:**
<table>
<thead>
<tr>
<th>Appearance</th>
<th>Clear liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Amber</td>
</tr>
<tr>
<td>Hydroxyl Value mg KOH/g</td>
<td>80</td>
</tr>
<tr>
<td>Water Content wt%</td>
<td>&lt;0.2</td>
</tr>
<tr>
<td>Acidity meq/100g</td>
<td>&lt;1.0</td>
</tr>
<tr>
<td>Viscosity (mPas at 25°C)</td>
<td>2480</td>
</tr>
<tr>
<td>Density kg/m³</td>
<td>1510</td>
</tr>
<tr>
<td>Halogens content wt %</td>
<td>53</td>
</tr>
<tr>
<td>Functionality</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**Storage and Handling:**
Store in a dry, cool, well-ventilated area away from flammable or oxidizing materials and sources of heat or flame. Avoid bodily contact. Keep containers tightly closed.
SaFRon-6605

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