ATBC

- **Product Name**: ATBC
- **Chemical Name**: Acetyl tri-butyl citrate
- **CAS No**: 77-90-7

**[Properties]**

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Typical value</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Value</td>
<td>mgKOH/g</td>
<td>0.03</td>
<td>0.1max</td>
</tr>
<tr>
<td>Color</td>
<td>APHA</td>
<td>15</td>
<td>30max</td>
</tr>
<tr>
<td>Water Content</td>
<td>wt%</td>
<td>0.03</td>
<td>0.1max</td>
</tr>
<tr>
<td>Saponification Value</td>
<td>mgKOH/g</td>
<td>558</td>
<td>553-563</td>
</tr>
</tbody>
</table>

**[Characteristics]**

1. Low toxic, non-phthalates residual, and complying with the requirement of European Standard EN-71 Part 3 (Soluble heavy metals) and EN-1122 (Total Cadmium).
2. Excellent compatibility for PVC and PVC-PV A copolymer.
3. Excellent flexibility to resins at low temperature and good transparency.
4. The viscosity of PVC pastes prepared with ATBC is considerably lower than those of pastes containing DOP.
5. Cellulose nitrate films plasticizer with ATBC have lower volatility loss, better resistance to yellowing and better adhesion to metals than those plasticized with DBP.
6. Improves the UV-resistance of resins.

**[Applications]**

Food Contact product, Medical product, Cellulose Nitrate Film, Children’s toys

**[Packing]** 215 KG/Drum

**[Origin]** Taiwan