YD-128K
High Purity Epoxy Resin

General Description
EPOKUKDO YD-128K is a high purity type liquid Epoxy Resin derived from Bisphenol-A. Especially, it has low impurities content like Hy-Cl & T-Cl comparing with general BPA type epoxy resins. Nevertheless, it shows almost same mechanical property with general type epoxy resin. Due to its special properties, YD-128K can be generally used in many fields. Especially, it has excellent properties in Electronics and Electricity.

Resin Properties

<table>
<thead>
<tr>
<th>Item</th>
<th>YD-128K</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEW(g/eq)</td>
<td>184-196</td>
<td>KD-AS-001</td>
</tr>
<tr>
<td>Viscosity(cps at 25°C)</td>
<td>11,500-13,500</td>
<td>KD-AS-005</td>
</tr>
<tr>
<td>Hy-Cl(ppm)</td>
<td>&lt; 100</td>
<td>KD-AS-011</td>
</tr>
<tr>
<td>T-Cl(ppm)</td>
<td>&lt; 1000</td>
<td>KD-AS-013</td>
</tr>
<tr>
<td>Specific Gravity*(20°C)</td>
<td>1.17</td>
<td>KD-AS-040</td>
</tr>
<tr>
<td>Color(G)</td>
<td>0.5 max.</td>
<td>KD-AS-025</td>
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</tbody>
</table>

*1 Reference data

Usage of YD-128K
EPOKUKDO YD-128K is cured together with the various hardeners (Polyamide resin, Aromatic Polyamine, Aliphatic Polyamine and Anhydride Compound). Depending on diluents and other additives, different physical properties after curing can be obtained. Generally, YD-128K, clear liquid form of the standard Epoxy Resins is widely used in many fields such as:

1. Paints :
   Electrodeposition coating, Ambient curing coating, Clear coating, Anti-corrosion coating.
2. Electrical and Electronic fields :
   Casting, Dipping, Encapsulation, Laminates, Condenser and Resistor coating.
3. Civil Construction and Buildings :
   Cementing concrete structure, Water proof, Anti-corrosion road pavement, Repair bond for joint, Grouting material.
4. Adhesive :
   Metal, Glass, Wood, and Stone adhesives.
5. Filament winding, Glass fiber reinforcement resin.

Packaging
20Kg Can or 200Kg D/M (Net weight)
Bulk in Tank

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