Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)

EPOTEC TW 5004

Description
EPOTEC TW 5004 is an aqueous dispersion of standard Bisphenol F/A epoxy resin. It has nonvolatile content 60% and moderate viscosity makes it suitable for various applications in different temperature environments.

Applications
- Textile binder
- Civil
- Coatings
- Adhesives

Typical product properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test method</th>
<th>Unit</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Visual</td>
<td>-----</td>
<td>White / Milky emulsion</td>
</tr>
<tr>
<td>Non-volatile content</td>
<td>TEC-AS-P-012</td>
<td>wt %</td>
<td>59-61</td>
</tr>
<tr>
<td>Water</td>
<td>TEC-AS-P-012</td>
<td>wt %</td>
<td>39-41</td>
</tr>
<tr>
<td>Epoxy equivalent weight*</td>
<td>DIN-16945/4.15B (89) TEC-AS-C-002</td>
<td>g/ eq.</td>
<td>180 - 190</td>
</tr>
<tr>
<td>Viscosity** @ 25 °C</td>
<td>JIS-K-7233 (86)</td>
<td>cPs</td>
<td>1,000 – 2,500</td>
</tr>
</tbody>
</table>

* Based on solid
** Brookfield viscosity

Storage and Handling
Epoxy dispersions should be stored in original closed containers in a dry place at temperature between 15 to 25°C. Do not allow product to freeze. Do not leave the product uncovered for extended periods of time. The emulsion may need to be homogenized by gentle agitation prior to use. Please refer to MSDS for safety and handling procedures.

Disclaimer
All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

For Additional Information, Please Contact:
Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
Mahatun Plaza Bldg., 16th Floor 888/167 Ploenchit Road, Lumpini, Bangkok 10330 Thailand.
Tel: (662) 2535031-3, Fax: (662) 2535030
Web Site: www.adityabirlachemicals.com, E-Mail: epoxymktg@adityabirla.com