**Tetramethylbenzene Diol**

**Description**
- Product Name: Tetramethylbenzene Diol
- Equivalent Name: Albemarle RB-79; Great lakes PHT4-Diol
- Cas No.: 77098-07-8 & 20566-35-2
- Molecular Weight: 627.88

**Application**
As a reactive fire retardant, this product is mainly used for rigid polyurethane foam, adhesion agent and paint.

**Benefits and Features**
The product is succinic ropy liquid. Dissolvable in acetone, toluene, alcohol, etc., but undissolvable in water.

**Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Succinic ropy liquid.</td>
</tr>
<tr>
<td>Bromine content %</td>
<td>44.0%</td>
</tr>
<tr>
<td>Hydroxyl number (mg KOH/g)</td>
<td>200-235</td>
</tr>
<tr>
<td>Acid number (mg KOH/g)</td>
<td>0.1 max.</td>
</tr>
<tr>
<td>Viscosity (CP/25°C)</td>
<td>80000 - 130000</td>
</tr>
<tr>
<td>Moisture %</td>
<td>0.1 max.</td>
</tr>
<tr>
<td>Specific Gravity (25°C)</td>
<td>1.6 - 1.9</td>
</tr>
</tbody>
</table>

**TGA**
- 5% weight loss: 128°C
- 10% weight loss: 166°C
- 50% weight loss: 319°C
- 95% weight loss: 380°C

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

**Shipping Information**
Transportation classification: No regulated for transportation.

- Packing: Plastic Drum: 300kg net weight, 4 drum/pallet, 16 or 18 pallets/20'TCL. 16 pallets = 19.2mt./18 pallets = 21.6 mt.
- IBC: 1.5mt net weight, 12 or 13 IBCs per 20'TCL. 12 IBCs = 18 mt./13 IBCs = 19.5 mt.

**More Information**
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