Technical Data Sheet

ACS Material Titanium Dioxide (TiO₂)

Table of Contents

1 – Preparation Method
2 – Characterizations
3 – Application Fields

Contact Information:
Manufacturer: ACS Material, LLC.
Address: 959 E Walnut St. Suite 100,
Pasadena, CA 91106, USA
Phone: (866)-227-0656
Fax: (781)-518-0284
E-Mail: contact@acsmaterial.com
Revision: 011119
1. Preparation Method

TiCl₄ Hydroxy-oxygen Flame Hydrolysis Method

2. Characterizations

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Titanium Dioxide (TiO₂)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>10-40 nm</td>
</tr>
</tbody>
</table>

Typical SEM Image of ACS Material TiO₂

Typical TEM Image of ACS Material TiO₂
3. Application Fields

1) Photocatalyst
2) Semiconductor porous membrane
3) Metal coating
4) Ceramic additive

Disclaimer: ACS Material, LLC believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. ACS Material makes no representations or warranties either express or implied, regarding the suitability of the material for any purpose or the accuracy of the information contained within this document. Accordingly, ACS Material will not be responsible for damages resulting from use of or reliance upon this information,