Physical Properties and General Processing Conditions

PP 50TOD WT MB
Polypropylene (PP)
White Masterbatch

PP 50TOD WT MB is finely dispersed 50% Rutile Titanium Dioxide and 50% PP carrier resin, which provides optimum opacity for blown and cast films, extruded sheet, and injection or blow molded parts.

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES &amp; AVERAGE VALUES</th>
<th>ENGLISH</th>
<th>SI METRIC</th>
<th>TEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene Carrier (PP)</td>
<td>50 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rutile Titanium Dioxide</td>
<td>50 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.5</td>
<td></td>
<td>D 792</td>
</tr>
<tr>
<td>Pellet Size</td>
<td>30 pellets/g</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moisture Content</td>
<td>≤0.05 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packaging</td>
<td>Gaylord or bag</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PROPERTY NOTES
• Data herein is typical and not to be construed as specifications.
• No dispersion aids, waxes or stearates are used in this product.
• While this masterbatch utilizes a weatherable grade of TiO2, all applications should be reviewed for specific performance needs related to outdoor exposure. We highly recommend additional additive protection, including UV and antioxidant performance additives.

RECOMMENDED USAGE
Typical use levels will range from 2% to 5% by weight.

The optimum additive loading in the final part depends on the specific processing conditions and expected part environment. The processor will need to confirm the optimum loading level for each particular end use application.

GENERAL PROCESSING CONDITIONS
• Not Applicable

PROCESSING NOTES
• Not Applicable

05 FEB 2016

This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold design and processing is complex, a set solution will not solve all problems. Observation on a “trial and error” basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

No information supplied by RTP Company constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon RTP Company or other customer experience. RTP Company makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patents.