Product Information Sheet

Silcosperse® 181 Magnesium Oxide Dispersion for silicone rubber

General Information
Silcosperse® 181 is a high quality dispersion of a premium grade of magnesium oxide in VMQ silicone gum. Silcosperse 181® is typically used to neutralize acid by-products generated by certain peroxides.

In addition, Silcosperse® 181 is also used to improve the physical properties of silicone compounds designed to withstand contact with oils at elevated temperatures.

Silcosperse® Dispersions eliminate the problems associated with messy, hard to handle chemicals. They allow for faster, easier weigh-up and incorporation into the compound.

Typical Characteristics

<table>
<thead>
<tr>
<th>Recommended Level</th>
<th>Specific Gravity</th>
<th>Color</th>
<th>Pigmentable</th>
<th>FDA</th>
<th>Polymer Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2 phr</td>
<td>1.40</td>
<td>White</td>
<td>Yes</td>
<td>Yes</td>
<td>VMQ</td>
</tr>
</tbody>
</table>

Specifications
Typical characteristics are not intended for use in preparing material specifications. For assistance please contact GSDI before writing specifications.

Storage & Handling
Avoid excessive heat and humidity. Storage below 32°C (90° F) is recommended.

Safety & Handling
See Material Safety Data Sheet

Packaging Information
Silcosperse® 181 is available in 5 lb. and 50 lb. boxes. Bulk packaging available upon request.