XY SIL® 150 is a hydrophilic Fumed Silica with a specific surface area of 150m²/g, and it is Synthetic, hydrophilic, amorphous silica, produced via flame hydrolysis.

Physico-chemical Data

<table>
<thead>
<tr>
<th>Properties</th>
<th>Units</th>
<th>Typical Value</th>
<th>Standardization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific surface area (BET)</td>
<td>m²/g</td>
<td>150±25</td>
<td>GB/T10722</td>
</tr>
<tr>
<td>pH-value (in 4% dispersion)</td>
<td></td>
<td>3.8-4.5</td>
<td>GB/T1717</td>
</tr>
<tr>
<td>Loss on drying, ex works( 2h @ 105°C)</td>
<td>wt%</td>
<td>&lt;1.5</td>
<td>GB/T5211.3</td>
</tr>
<tr>
<td>Loss on ignition(2h @ 1000, based on material dried for 2h @ 105°C)</td>
<td>wt%</td>
<td>&lt;2.5</td>
<td>GB/T20020</td>
</tr>
<tr>
<td>Sieve residue (45μm)</td>
<td>%</td>
<td>&lt;0.05</td>
<td>GB/T5211.14</td>
</tr>
<tr>
<td>SiO₂ content (based on the substance heated at 1000°C for 2 h)</td>
<td>wt%</td>
<td>&gt;99.8</td>
<td>GB/T20020</td>
</tr>
<tr>
<td>Tamped density (based on material dried for 2h @ 105°C)</td>
<td>g/L</td>
<td>25~60</td>
<td>GB/T5211.4</td>
</tr>
<tr>
<td>Carbon content (based on material dried for 2h @ 105°C)</td>
<td>wt%</td>
<td>&lt;0.2</td>
<td>GB/T20020</td>
</tr>
</tbody>
</table>

At time of packaging.

Application and Properties

Application:
- RTV Silicone Sealant
- HTV Silicone Rubber

Functions:
- Provide the good Reinforcement and thixotropy for RTV Silicone Sealant
- Improve the reinforcement for HTV Silicone Rubber

Packing and Storage

XY SIL® 150 is packaged in multiple layer kraft paper 10kg bags on pallet, and should be stored in the original packaging in dry storage areas for protecting the material from volatile substance.

Transportation:

Sea Transportation
20'GP: 1800KG, 10 pallets, 180KG/pallet.
40'GP: 3600KG, 20 pallets, 180KG/pallet.
40'HQ: 4000KG, 20 pallets, 200KG/pallet.

Road Transportation: by requirement

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