**XYSIL® 200**

Hydrophilic Fumed Silica

**XYSIL® 200** is a hydrophilic Fumed Silica with a specific surface area of 200 m²/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>200±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.

**Applications and Properties**

**Application:**
- RTV Silicone Sealant, HTV Silicone Rubber
- Paints and Coatings, Ink, Pigment
- Unsaturated polyester resins
- Adhesive & Sealant
- Thermal insulation material, Vacuum Insulation Panel
- Composites& PVC, Storage Battery

**Functions:**
- Rheology and thixotropy Control of of liquids, binders, polymers, etc.
- Used as anti-settling, thickening, anti-sagging agent
- Free Flow and Suspension for Powder
- Reinforcement in Silicone Rubber

**Packing and Storage**

XYSIL® 200 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.

Road Transportation: by requirement
- 40'HQ: 4000KG, 20 pallets, 200KG/pallet.

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**Henan Xunyu Chemical Co., Ltd**

Add: No.18, Shangwu Waihuan Road, Zhengdong New Dis, Zhengzhou City, Henan Province, P.R. China

Tel: +86 371 69176282 Fax: +86 371 69176283

Email: info@xunyuchem.com; technique@xunyuchem.com

Website: www.xunyuchem.com

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