

## TECHNICAL DATA SHEET

### Precipitated Silica (SiO<sub>2</sub>) (Food grade)

| Color   | White Brilliant |
|---|-----------------|
| Bulk density (g/ml)   | 0.09 – 0.12     |
| Tamped Density (g/ml)   | 0.13 – 0.16     |
| Loss on drying max 105 °C / 2 hrs (%)                         | 7               |
| pH value (5% aqueous dispersion)                              | 6.5 – 7.5       |
| DBP absorption (cc/100g)                                      | 220 – 254       |
| Particle size (d50 µm)  | 14 – 17         |
| Specific surface area BET (m <sup>2</sup> /g)                 | 150 – 190       |
| Sieve residue max 325 (%)                                     | 3 – 7           |
| Sodium Sulfate content as Na <sub>2</sub> SO <sub>4</sub> (%) | < 5             |
| Lead (ppm)  | < 5             |
| Total Aerobic Count (UFC)                                     | < 400           |
| Yeast & mold (UFC)  | < 400           |
| Gram negative bacill  | < 100           |
| SiO <sub>2</sub> content (%)                                  | > 96            |

**Presentation:**

44 lb. paper bags (approximately).

