**APPLICATIONS**
- Filler for High Performance polymeric systems
- Antislip agent for plastic film production
- Nanocomposite filler
- Ceramic and glass forming applications
- Biomedical applications
- Chemical Mechanical Polishing (CMP)
- Particle size standards
- LCD spacers
- Light diffusers
- Chromatography
- Photonic crystals and synthetic opals
- Research and development

**Physical Properties**
- Density: Non Porous-Approximately 2.0 grams/cc
- Structure: Amorphous
- Purity: > 99.9%
- Alpha Emitters: Very Low
- Dielectric Constant: ≤ 3.8
- CTE: 0.6ppm/°C
- Refractive Index: ~ 1.38 - 1.46
- Surface Area: ~ 2-6 m²/g

**Specifications**

**Shape:**
- Perfectly spherical

**Size Range Capability:**
- 0.1 µm to 2 µm

**Size Distribution:**
- Particle Size Standard Deviation < 10%

**Forms Supplied:**
- Dry Form, In Dispersions of Water or Alcohols and others

**Standard Powder Description:**
- Selected from standard sizes listed above.
- Supplied in dry form with no surface modification

**Custom Synthesis:**
- Special sizes, Surface modifications

**Attributes**
- Only US Manufacturer for Production Quantities
- Affordable Silica Powder for Production Applications
- High Purity
- Uniform Particle Size
- Controllable Refractive Index

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