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## SYLYSIA<sup>®</sup> 460 FCP

SYLYSIA 460 FCP is amorphous silica gel. **SYLYSIA 460 FCP meets the standards for silicon dioxide in the USP 25 – NF20 monograph.**

### PHYSICAL CHARACTERISTICS

- Dry, White Micronized Powder (amorphous)
- Porous
- Chemically Inert
- Tasteless and Odorless
- True Specific Gravity: 2.15
- Refractive Index: 1.46

### TYPICAL PROPERTIES

Property	Typical Value
Average Particle Size (µm)	11.0
Apparent Bulk Density (lbs/ft <sup>3</sup> )	11
Oil Absorption (lbs/100lbs)	190
pH (5% aqueous slurry)	7.5
Average Pore Volume (mL/g)	1.25
Whiteness	94 min
Surface Area (m <sup>2</sup> /g)	300
Packaging	15 kg bag

### SPECIFICATIONS

Property	Specification
Loss on Drying, 145°C, 4 hrs	5.0% max
Total Volatiles, 1000°C, 2 hrs	8.5% max
Chloride as Cl, dry basis	0.1 wt % max
Sulfate as SO <sub>4</sub> , dry basis	0.1 wt % max
Arsenic as As	3 ppm max
Heavy Metals	0.001 wt % max
Silica, as SiO <sub>2</sub>	99.5% min

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