



Typical Property Data for PQ® Sorbsil R40

PQ's Sorbsil® silicas are synthetic amorphous silica dioxide (SiO₂) - mixture silica hydrogels. Sorbsil® R40 is used as a non-dusty, refining product for edible oils and the removal of impurities. Our silicas should be stored in unopened bags away from strong odors, in a dry place. Ideally temperatures should remain between 35°F/2°C and 95°F/35°C. It should be handled sensibly to minimize creation of dust and build-up of static electricity. Sorbsil R40 is typically supplied in 50 pound bags, 20 bags per pallet.

Our Sorbsil® products are FDA approved for various applications as a direct additive for food at levels up to 2% and/or as defined by the applicable sections of Title 21 Code of Federal Regulations Part 172.480 for silicon dioxide.

PQ Sorbsil® R40 is characterized by the property data shown below. The properties are typical values, along with manufacturing specifications. Physical properties are measured at room temperature, approximately 20°C (68°F). For more information, please contact PQ Technical Service at 416-201-4355.

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PQ Corporation is a leading producer of silicate, silicas, zeolite, and other performance materials serving the detergent, pulp and paper, chemical, coatings, petroleum, catalyst, water treatment, construction, and beverage markets. It is a global enterprise, operating in 21 countries on five continents, and along with its chemical businesses, includes Potters Industries, a wholly owned subsidiary, which is a leading producer of engineered glass materials serving the highway safety, polymer additive, metal finishing, and conductive particle markets.

Sorbsil® R40 Properties	Typical Data	Specifications
Loss at 1000 C, %	63.3	55.0 - 70.0
Silicon Dioxide, %	36.7	30.0 - 45.0
pH (25% solution)	3.4	3.0 - 4.5
Average Particle Size, microns	18.1	14.0 - 22.0

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Issue 3, August 2008

