



Typical Property Data for PQ® Sorbsil R40F

PQ's Sorbsil® silicas are synthetic amorphous silica dioxide (SiO₂) - mixture silica hydrogels. Sorbsil® R40F 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 R40F is typically supplied in 1000 pound bulk sacks.

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® R40F 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.

PQ CORPORATION

CORPORATE HEADQUARTERS
 PO Box 840
 Valley Forge, PA 19482-0840
 Phone: 800-944-7411

IN NORTH AMERICA
 Joliet, IL 60435
 USA
 T: +1 815 727 3651

IN SOUTH AMERICA
 Rua Cenzo Sbrighi 27
 1º andar cj 12 - Água Branca
 5036-011 - São Paulo
 SP Brazil
 T: +55 (0)11 3613 9900

IN AFRICA
 169 Tedstone Road
 PO Box 14016
 Wadeville 1422, Gauteng
 South Africa
 T: +27 (0)11 820 7111

IN EUROPE
 Warrington
 England
 WA5 1AB
 T: +44 (0)1925 416100

IN ASIA/PACIFIC RIM
 435 Orchard Road
 #19-05 Wisma Atria
 Singapore 238877
 T: +65 6838 7290

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® R40F Properties	Typical Data	Specifications
Loss at 1000 C, %	57.0	55.0 - 66.0
Silicon Dioxide, %	43.0	34.0 - 45.0
pH (25% solution)	3.4	3.0 - 4.5
Average Particle Size, microns	18.0	14.0 - 22.0

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