

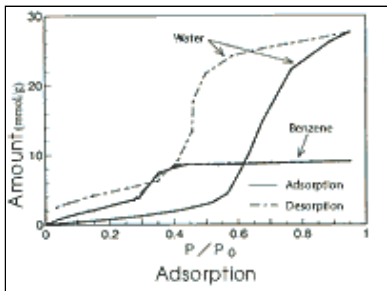
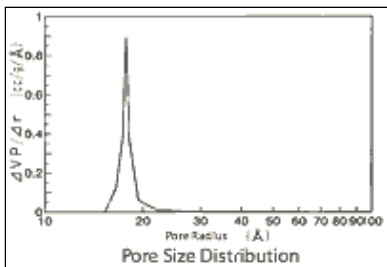
SILFAM® (Mesoporous Silica Powder)



TEM Photograph [× 1,000]

"SILFAM " is a unique silica developed and manufactured by Nippon Chemical Industrial Co., Ltd. The advanced manufacturing technology of SILFAM allows production of high grade materials, which can be used in place of zeolites and silicagel. The crystal structure of SILFAM is closely controlled to provide a material that has a large surface area and uniform mesopores which will make "SILFAM" very efficient as an adsorbent carrier for applications as; catalysts, hydrocarbon chemicals, herbicides, biocides and other specialty chemical applications.

Typical Chemical and Physical Properties



Form	Dark White Powder
SiO ₂	99% Min
Na ₂ O Impurity	Less than 50 ppm
Surface Area (BET)	More than 1000 m ² /g
Pore Volume	More than 1.00 ml/g
Pore Diameter	4 nm
Heat Stability	Up to 800 °C
Particle Size	Ave.60 μm
Specific Gravity	0.14 g/ml
pH (1% Suny)	5

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