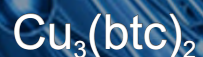




TECHNISCHE
UNIVERSITÄT
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Highly Porous
Metal-Organic Framework

Information, quantities and prices:

Materials Center

Phone: +49 351 463 - 34864

Fax: +49 351 463 - 37287

materials.center@chemie.tu-dresden.de

www.metal-organic-frameworks.eu

TU Dresden

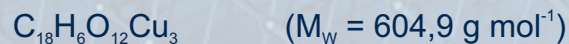
Department of Chemistry and Food Chemistry

Inorganic Chemistry I

01062 Dresden

Chemical Data

Chemical composition:



Min./Max. quantity: 1 - 1000 g

Air and moisture sensitivity:

stable to moisture

Colour: light blue (as made) to dark blue (solvent-free form)

Particle size: < 100 μm

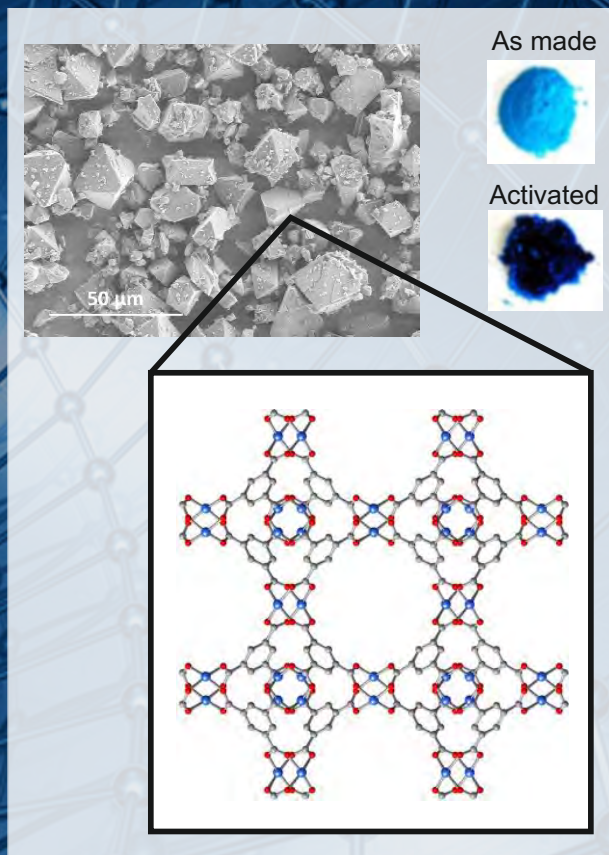
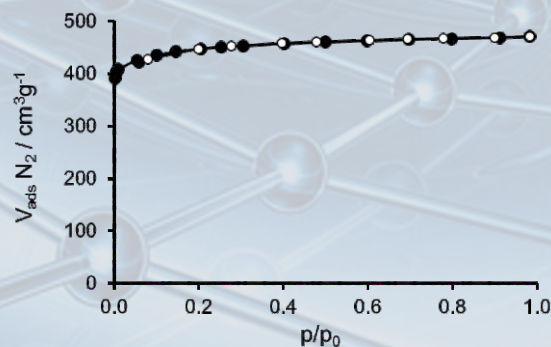
Single point BET ($p/p_0 = 0.3$):

1300 - 1600 m^2g^{-1}

Specific pore volume ($p/p_0 = 0.9$):

0.7 cm^3g^{-1}

Adsorption isotherm:



Literature

K. Schlichte, T. Kratzke, S. Kaskel, *Micropor. Mesopor. Mater.*, **73**, **2004**, 81 - 88.

S.S.Y. Chui, S.M.F. Lo, J.P.H. Charmant, A.G. Orpen, I.D. Williams, *Science*, **283**, **1999**, 1148 - 1150.