

Technical Data Sheet of MIL-88A(Fe)



Basic Information and Product Property

Chemical Name: MIL-88A(Fe)

Product Number: MOFFEA88.020.01

CAS-NO: 1138446-56-6

Unit Molecular Formula: $C_{12}H_6O_{13}Fe_3$

Unit Molecular Weight: 525.70 g/mol

Appearance: Orange Brown Powder

BET surface area (m^2/g): ≥ 6 (No N_2 sorption)

Coordination Metal: Fe

Linker: Fumaric acid

Applications

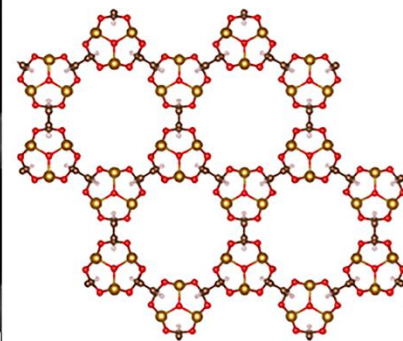
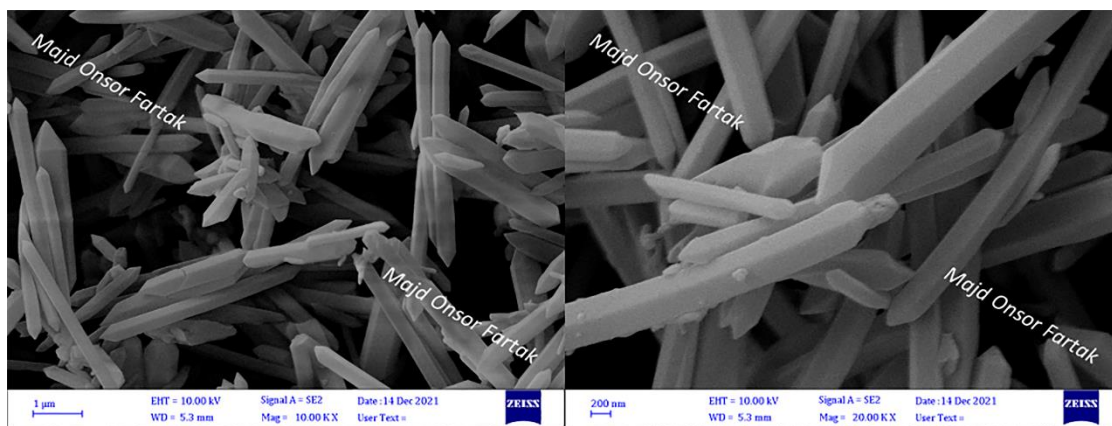
- 1) As Fe-based Lewis acid catalyst
- 2) Photo catalyst
- 3) Drug Delivery

Stability and Preservation

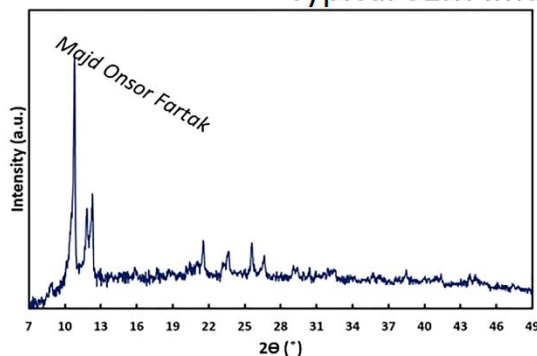
MIL-88A(Fe) is stable in air and acidic solutions

Keep sealed in dry and cool condition

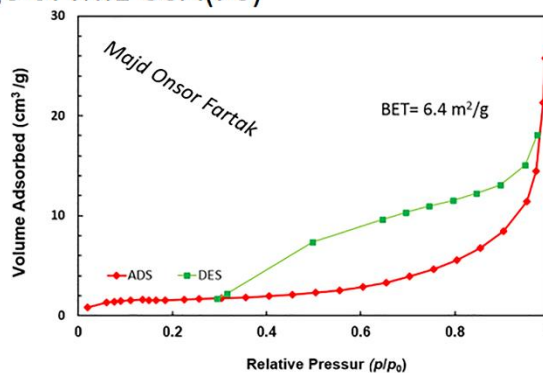
It is recommended to activate for 5 hours at $100^\circ C$ in vacuum



Typical SEM Image of MIL-88A(Fe)



XRD Analysis of MIL-88A(Fe)



N_2 Sorption Isotherm of MIL-88A(Fe)

