

Specification Sheet

Titanium Metal Organic Framework

(NH₂-MIL-125 (Ti), Purity: 99%, APS: 30-40 μ m)

Stock No: NS6130-12-000894, CAS: 7440-47-3

Product	:	Titanium Metal Organic Framework
Synonyms	:	NH ₂ -MIL-125 (Ti)
Stock No.	:	NS6130-12-000894
CAS	:	7440-47-3
Purity	:	99%
APS	:	30-40 μ m
Molecular Formula	:	[Ti ₈ O ₈ (OH) ₄ (C ₆ H ₃ C ₂ O ₄ NH ₂) ₆]
Molecular Weight	:	604.87 g/ mol
Pore Size	:	~10 \AA
Density	:	0.35 g/ cm ³
Odor	:	Odorless
SSA	:	~1300 m ² /g (BET)
Linker	:	TPA, H ₂ BDC, BDC (Terephthalic acid)
Solubility	:	Ethanol
Application	:	Carbon dioxide and methane gas, Liquid adsorption
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time