

Specification Sheet

Zinc Based Metal Organic Framework

(MOF-177 Zn, Purity: 99%, APS: 30-40 μ m)

Stock No: NS6130-12-000893, CAS: 7440-66-6

Product	:	Zinc Based Metal Organic Framework
Synonyms	:	MOF-177 (Zn)
Stock No.	:	NS6130-12-000893
CAS	:	7440-66-6
Purity	:	99%
APS	:	30-40 μ m
Molecular Formula	:	C ₂₇ H ₁₈ Zn ₃ O ₆
Molecular Weight	:	229.60 g/mol
Pore Size	:	~10Å
Density	:	0.35 g/cm ³
Odor	:	Odorless
SSA	:	~1300 m ² /g (BET)
Linker	:	H3BTB (1,3,5-tris(4-carboxyphenyl)benzene)
Solubility	:	Ethanol
Application	:	Gas adsorption: Carbon dioxide, nitrogen, hydrogen gas, large organic molecules
Main Inspect Verifier	:	Manager QC

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