

Specification Sheet

Aluminium Metal Organic Framework

(MIL-53 Al, Purity: 99%, APS: 30-40 μ m)

Stock No: NS6130-12-000873, CAS: 7429-90-5

Product	:	Aluminium Metal Organic Framework
Synonyms	:	MIL-53 (Al)
Stock No.	:	NS6130-12-000873
CAS	:	7429-90-5
Purity	:	99%
APS	:	30-40 μ m
Molecular Formula	:	C ₈ H ₅ AlO ₅
Molecular Weight	:	208.10g/ mol
Pore Size	:	~10 \AA
Appearance	:	White powder
Density	:	0.4 g/cm ³
Odor	:	Odorless
SSA	:	~1100-1500 m ² /g (BET)
Linker	:	TPA, H ₂ BDC, BDC (Terephthalic acid)
Solubility	:	Ethanol
Application	:	Gas adsorption: Hydrogen gas
Main Inspect Verifier	:	Manager QC

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