

Specification Sheet

Chromium MOF

(MIL-101 Cr, Purity: 99%, APS: 30-50nm)

Stock No: NS6130-12-000883, CAS: 7440-47-3

Product	:	Chromium MOF
Synonyms	:	MIL-101 (Cr)
Stock No.	:	NS6130-12-000883
CAS	:	7440-47-3
Purity	:	99%
APS	:	30-50nm
Molecular Formula	:	C ₁₈ H ₆ Cr ₃ O ₁₂
Molecular Weight	:	604.87 g/ mol
Pore Size	:	~10Å
Density	:	0.35 g/ cm ³
Odor	:	Odorless
Color	:	Green
SSA	:	~1300 m ² /g (BET)
Linker	:	TMA, H3BTC, BTC (Trimesic 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