

Specification Sheet

2 Methylimidazole Zinc Salt

(ZIF-8, Purity: 99.9%, APS: 0.5-4 μm)

Stock No: NS6130-12-000476, CAS: 59061-53-9

Product	:	2 Methylimidazole Zinc Salt
Synonyms	:	ZIF-8
Stock No.	:	NS6130-12-000476
CAS	:	59061-53-9
Purity	:	99.9 %
APS	:	0.5-4 μm
Molecular Formula	:	C ₈ H ₁₀ N ₄ Zn
Molecular Weight	:	229.6g/mol
Surface Area	:	Approx. 1500 m ² /g
Pore Size	:	~10 Å
Loss on Drying	:	< 2%
Activation	:	Can Be Activate On 100°C (Vacuum)
Storage	:	Store at Room Temperature
Density	:	0.35 g/cm ³
Odor	:	Odorless Powder
Form	:	Powder
Color	:	White
Solubility in Water	:	Insoluble
Application	:	Used for separation (paraffin isomers, alkanes), sensors, and gas adsorption (hydrogen gas)
Main Inspect Verifier	:	Manager QC

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

Intelligent Materials Pvt. Ltd.

www.nanoshel.com, sales@nanoshel.com



NANOSHEL LLC *(In Collaboration)*

3422 Old Capitol Trial Suit 1305, Wilmington DE - 19808 USA
(001) 302 652-3464, + 91 9779-880077