

p-Dichlorobenzene (PDCB)

Chlorinated aromatic intermediate for qualified industrial synthesis.

CAS 106-46-7	EC 203-400-5	Transport Class 9 · UN 3077 · PG III
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Product Information

p-Dichlorobenzene is the para isomer of dichlorobenzene. The supplied grade specifies at least 99.8% PDCB with moisture, boiling-fraction and isomer-impurity limits. Match those limits and analytical methods to the synthesis or other qualified industrial process.

Specifications

Parameter	Specification
Appearance	White crystalline solid
PDCB assay	≥99.8 %
Moisture	≤0.10 %
Low-boiling materials	≤0.1 %
High-boiling materials	≤0.2 %
MDCB impurity	≤0.1 %
ODCB impurity	≤0.3 %

Typical Properties

Property	Typical Value
Molecular formula (component)	C ₆ H ₄ Cl ₂
Molecular weight (component)	147.00 g/mol

Applications

Industrial chemical synthesis: Evaluate the para-isomer grade in qualified chemical synthesis.

Intermediate qualification: Use the specification to assess incoming PDCB quality for industrial intermediate manufacture.

Bulk industrial procurement: Plan receipt and storage around the solid's exposure hazards and environmentally hazardous transport classification.

Packaging / Storage

Item	Information
Packaging	25 kg net paper bags with suitable sealed liners; confirm authorized dangerous-goods packaging.
Storage	Store dry, tightly closed, secure and ventilated, away from heat and strong oxidizers. Prevent vapor exposure and environmental release; use compatible packaging and equipment.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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