



Refined Naphthalene TDS

Technical Data Sheet

Product Identification

Property	Information
Product Name	Refined Naphthalene
Chemical Name	Naphthalene
Chemical Formula	C ₁₀ H ₈
CAS Number	91-20-3
Molecular Weight	128.17 g/mol
Product Form	Crystalline Flakes / Solid
Typical Purity	99.0–99.5%

Technical Specifications

Property	Typical Specification
Naphthalene Content	99.0–99.5% Min
Appearance	White to Off-White Crystalline Flakes
Crystallization Point	79.5–80.2°C
Melting Point	Approx. 80°C
Boiling Point	Approx. 218°C
Density @ 20°C	Approx. 1.14 g/cm ³
Moisture	0.10% Max
Ash Content	0.05% Max
Non-Volatile Matter	0.10% Max
Solubility in Water	Very Low
Odor	Characteristic Aromatic Odor

Main Applications

Refined Naphthalene is commonly used in:

- Phthalic anhydride production
- Naphthalene sulfonate production
- Concrete admixtures and superplasticizers
- Dyes and pigment intermediates
- Synthetic resins



- Plasticizer manufacturing
- Rubber processing chemicals
- Agrochemical intermediates
- Specialty organic chemicals

Packaging

Typical packaging may include:

- 25 kg bags
- Multi-layer export bags
- Jumbo bags
- Customized industrial packaging

Packaging options may vary according to order quantity and destination.

Storage

Store Refined Naphthalene in a cool, dry, and well-ventilated area. Keep containers tightly closed and protect the product from direct sunlight, heat, sparks, flames, and strong oxidizing agents.

Shelf Life

Shelf life depends on packaging and storage conditions. When stored correctly in sealed original packaging, the product can maintain its specified properties for an extended period.

Important Note

The specifications shown above represent typical values and do not constitute a guaranteed specification for every production batch. Buyers should refer to the latest Certificate of Analysis before use.