

# Technical Data Sheet

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## Paraffin wax

### Product Identification

Product name : Paraffin wax  
Chemical Formula :  $C_nH_{(2n+2)}$   
CAS No. : 8002-74-2

### Physical and Chemical Properties

Property	Value / Description
Physical State	Solid
Color	White to Light Yellow
Density	~ 0.82 g/ml at 20 °C
Melting Point	48 - 95 °C (101.325 kPa)
Boiling Point	341 - 665 °C (101.325 kPa)
Solubility in Water	Insoluble
Electrical Properties	Excellent electrical insulator with high resistivity ( $10^{13}$ to $10^{17}$ ohm-m)
Stability	Stable; unaffected by most common reagents; combustible
Reactivity	Burns readily; generally chemically inert

### Applications

Wax for candles, waterproofing, lubricant, cosmetics, pharmaceuticals, coating, polymer additives, electrical insulation, heat storage, matches, sealing agents

### Packing

25kg / 28kg / 50kg net in sealed containers

### Shipping Regulations

Not subject to transport regulations

### Safety Information

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.