

Technical Data Sheet

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Item Name:

WAX

PRODUCT INFORMATION

Chinese Name:	石蜡
Commodity Name:	Paraffin Wax
Chemical Name:	Paraffin
Other Name:	155F, Paraffin Waxes
CAS No.:	8002-74-2
Molecular Weight:	N/A
Molecular Formula:	C_nH_{2n+2} (n=17-35)

PRODUCT DESCRIPTION

Paraffin wax, also called wax crystal shape. Soluble in nonpolar solven like gasoline, carbon disulfide, xylene, ethyl ether, benzene, chloroform, carbon tetrachloride, insoluble in polar solvent such as methanol water.

It's a mixture of hydrocarbons, the main ingredient is solid paraffin, which is odourless tasteless and white or pale yellow transparent solid. Paraffin is amorphous, but it has obvious crystal structure. There is also man-made paraffin.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White waxy solid
Oil content by wt %	0.5
Chroma by wt %	1
Light stability	4

MAIN APPLICATION

- 1.Mainly used in the manufacture of matches, fiber board, sail, etc.
- 2.Widely used in moisture-proof, waterproof paper, cardboard, some surface coating and candles in the textile production.
- 3.Used in packing for food, medicine, metal anti-rusting and printing.
- 4.Adding paraffin to cotton yarn, it can make the fabrics soft, smooth and elastic.
- 5.Can be used to make synthetic fatty acid by oxidation procession.

PACKING AND SHELF LIFE

Packing: 25kg/paper bag

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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