



PARAFFIN WAX CO.  
MEMBER OF RAHA GROUP

## DATA SHEET OF FULLY REFINED PARAFFIN WAX 3-5% OIL CONTENT

### Description of fully refined paraffin wax **3-5% oil content light & heavy grade**

In **semi refined paraffin wax 3-5% oil content** light or heavy grade, the slabs of paraffin can have 3% , 3.2% , 3.3% , 3.4% , 3.7% , 3.8% , 3.9% , 4% , 4.3% , 4.6% , 4.9% , 5% oil content melting point of semi refined paraffin wax 3-5% light grade can be minimum 58 C and maximum 60 C and in heavy grade, it is 62-64 C . Semi refined paraffin wax 3-5% oil content heavy grade is mostly used in warm weather countries and light grade in cold weather countries. The price is lower than fully refined paraffin wax.

Since the congealing point is about 2 degrees lower than the melting point, in light grade congealing of paraffin especially in candle needs lower weather degree.

#### Light grade

this grade is used in mild and cold weather countries like Ukraine, turkey, Germany, England, Russia, France, Italy, Norway, Netherland, Finland, Switzerland, Sweden, Denmark, Canada, Australia, New Zealand.

#### Heavy grade

this grade is used in hot weather countries like : South Africa , India, Pakistan , Kenya , UAE , Venezuela , Thailand , Saudi Arabia, Kuwait, Iraq , Bahrain , Jordan , Ghana , Colombia , Brazil , because if light grade used in hot weather paraffin will be melted and will make problem for the final product .

RAHA company guaranty the quality of *semi refined paraffin wax 3-5% oil content* with the arrangement of the international inspector to check quality and quantity of the semi-refined paraffin wax 3-5% oil content during the loading to the vessel and controlling the production by QC by batch test report before shipping. RAHA Company guarantees the quality to meet with ASTM.



Gold Supplier



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### Application of semi refined paraffin wax 3-5% oil content

candle manufacture, wax paper, polishes, cosmetics, electrical insulation assist in extracting perfume from flowers, medical ointment, Pharmacy, Batteries, Paint and varnish removers, waterproof coat for wood, match industry, Corrosion inhibitor, food and chocolate polishing, PVC lubricant. some factories mix paraffin wax 3-5% with 1-1.5% to receive a better quality.

### Packing of semi refined paraffin wax 3-5% oil content

Semi refined paraffin wax 3-5% oil content is produced in 5 kg slabs, it can turn to flake, granulates or pellets for painting industry, tire industry etc in which amount of the added paraffin is so important. in small sized paraffin should be packed in bags which is safer in slabs from paraffin wax can be packed in carton, and there is the possibility of palletizing too. 40 cartons will be put on an 110\*110 cm wooden pallet and will be fastened by stretch film and fasten by shrink delivery will be done by lift truck and can not be done by workers comparing cartons or bags which are done by workers.

### Specification of semi refined paraffin wax 3-5% oil content

Light grade

Specification	Test method	Results
Oil content	ASTM D-721	4.5%
Melting point	ASTM D-87-09	60 °C
SP.gr@60 C	ASTM D-2726	0.83 gr/cm3
Color	ASTM D-1500	Little yellowish
Flash point	ASTM D-93-13	250 °C



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## DATA SHEET OF SEMI REFINED PARAFFIN WAX 3-5% OIL CONTENT

Heavy grade

Specification	Test method	Results
Oil content	ASTM D-721	4.1%
Melting point	ASTM D-87-09	62 °C
SP.gr@60 C	ASTM D-2726	0.83 gr/cm <sup>3</sup>
Color	ASTM D-1500	White
Flash point	ASTM D-93-13	250 °C



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