

	<b>PRODUCT TECHNICAL SPECIFICATION</b>	<b>No.</b>	<b>WT-2004/LP-13</b>
	<i>Wax for dipping</i>	<b>Edition no.</b>	<b>9</b>
		<b>Date</b> (last actualization)	<b>October 6th, 2016</b>

## 1. INTRODUCTION

**1.1 Subject.** The subject of this document is wax for dipping which is a blend of paraffin's products coming from slack wax deoiling installation and purified in contact adsorption process. The end product is modified by addition of synthetic waxes.

**1.2. Range of the WT subject usage.** The product is used mainly for dipping in candle making branch.

## 2. LABELLING

### 2.1. Labelling examples

Wosk kąpiący

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## 3. QUALITY REQUIREMENTS AND TEST METHODS

**3.1. Standard parameters and test methods** – according to the table 1.

**Table 1.** Quality requirements valid for each batch of product.

<b>Parameter</b>	<b>Unit</b>	<b>Wax for dipping</b> parameter value	<b>Test method</b>
a) Congealing point	°C	min. 62	PN-ISO 2207:2011 ASTM D 938
b) Flash point	°C	min. 180	PN-EN ISO 2592:2592 ASTM D 92-97
c) Oil content	%(m/m)	max. 1,1	PN-C-04160:1980 ASTM D 721-97
d) Needle penetration at 25°C	mm·10 <sup>-1</sup>	max. 17	PN-C-04161:1982 ASTM D 1321
e) Kinematic viscosity at 100°C	mm <sup>2</sup> /s	min. 5,80	PN-EN ISO 3104:2004
f) Appearance	-	white, homogeneous mass	Visual

**3.2 Sample taking** – according to PN-ISO 3170:2006.

## 4. PACKAGING, STORAGE AND TRANSPORTATION

**4.1 Packaging.** Wax for dipping is stored in a following way:

- Liquid loose in heated storage tanks,
- Slabs in cardboards 24 kg or on wooden pallet 1000 kg,
- Pastilles in a polyethylene bags 20 kg on a wooden pallet 600 kg.

This method oh packaging and storage is in accordance with the regulations of transportation of petroleum products described in national and international transportation law.

It is admitted to use other kind of packages previously agreed between recipient, producer and carrier, under condition that product is protected well.

On each package should be placed a label with at least following information:

- a) producer name,
- b) address of producer
- c) labelling according to the point 2.,
- d) mass net or volume,
- e) date of production,
- f) control number.

**4.2 Storage.** Wax for dipping should be stored in temperature not higher then 40°C, in closed packages in a shaded place protecting against direct access of sun (UV radiation), humidity and mechanical impurities, far from the heat radiators.

**4.3 Transportation.** The product is not classified as a dangerous when shipped by all means of transport and is not a subject of the transportation regulations RID/ADR.

## 5. ADDITIONAL INFORMATION

**5.1 Institution preparing WT:** Polwax S.A., Jasło, Poland.

### 5.2 Standards and referenced documents

PN-EN ISO 3170:2006      Petroleum liquids. Manual sampling.

Other standards related: table 1.

Checked  
KIEROWNIK  
DZIAŁU TECHNOLOGII  
*Kubosz*  
Grzegorz Kubosz  
.....  
Technology Department Manager

Approved  
DYREKTOR ROZWOJU  
*Robak*  
Izabela Robak  
.....  
Director of Development