

	<b>PRODUCT TECHNICAL SPECIFICATION</b>	<b>No.</b>	<b>WT-2009/LP-48</b>
	<b>FUSIBLE WAX</b>	<b>Edition no.</b>	<b>9</b>
		<b>Date</b> (Of actualisation)	<b>September 11th, 2025</b>

## 1. INTRODUCTION

**1.1 Subject.** The subject of this document Fusible wax is obtained in the process of composing the relevant petroleum products, synthetic wax and synthetic copolymers.

**1.2 Range of the WT subject usage.** The product is used as a binder for connecting wooden surfaces.

## 2. LABELLING

**2.1 Labelling examples:**

**FUSIBLE WAX**

**WT – 2009/LP-48**

## 3. QUALITY REQUIREMENTS AND TEST METHODS

**3.1 Standard parameters and test methods.**

**Table 1** – Quality requirements valid for each batch of the product:

Parameters	Unit	<b>Fusible wax</b> Parameter value	Test method
1	2	3	4
a) Congealing point	°C	65 - 75	PN-ISO 2207:2011 ASTM D 938
b) Flash point	°C	min. 200	PN-EN ISO 2592:2017-10 ASTM D 92-97
c) Mechanical impurities and water content		Not present	PN-C-96115:1974
d) Kinematic viscosity at 100°C	mm <sup>2</sup> /s	10,5 – 12,0	PN-EN ISO 3104:2004
e) Appearance		White, homogeneous mass	Visual
f) Penetration at 25°C	1/10 mm	max. 15	PN-C-04313: 2018-02 ASTM D 1321

**3.2 Sample taking.** According to PN-EN ISO 3170:2006.

## 4. PACKAGING, STORAGE AND TRANSPORTATION

**4.1 Packaging.** Fusible wax is stored in a following way:

- Granules in a polyethylene bags 20 kg on a wooden pallet 600 kg.
- Slabs on wooden pallet 1000 kg
- Slabs in cardboard
- Cardboard 20 kg,
- Pastilles in polyethylene bags 20 kg.

These methods of packaging and storage are 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, in 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.** Fusible wax should be stored in temperature not higher then 25°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. Shelf Life of the product stored in accordance with the above guidelines is 3 years.

**4.3 Transportation.** The product is not classified as 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-ISO 3170:2006 – Petroleum liquids. Manual sampling.

Other standards related: table 1

**Checked:**

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