

	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2019/LP-97
	GRANLUX, GRANLUX II, GRANLUX II D	Edition no.	6
		Date (last actualization)	April 18th, 2023

1. INTRODUCTION

1.1. Subject. The subjects of this document GRANLUX, GRANLUX II and GRANLUX II D are obtained in contact refining of crude slack waxes.

1.2. Range of the WT subject usage. GRANLUX, GRANLUX II and GRANLUX II D are mainly used for the production of pressed grave candles.

2. LABELLING

2.1. Labelling examples

GRANLUX	WT-2019/LP-97
GRANLUX II	WT-2019/LP-97
GRANLUX II D	WT-2019/LP-97

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 the product.

Parameters	Units	Parameter value		Test method
		GRANLUX	GRANLUX II GRANLUX II D	
a) Congealing point	°C	50,0 - 60,0	50,0 - 63,0	PN-ISO 2207:2011 ASTM D 938
b) Kinematic viscosity at 100°C	mm ² /s	3,5 – 6,5		PN-EN ISO 3104:2004
c) Oil content	%(m/m)	max. 8	max. 15	PN-C-04160:1980 ASTM D 721-97
d) Mechanical impurities and water content	-	not present		PN-C-96115
e) Flash point,(o.c.)	°C	min. 180		PN-EN ISO 2592:2008 ASTM D 92-97
f) Needle penetration at 25°C	mm·10 ⁻¹	max. 60		PN-C-04313:2018 ASTM D 1321
g) Appearance	-	White homogenous mass		visual

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

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1 Packaging. GRANLUX is stored in a following way:

- liquid paraffin loose in the heated storage tanks,
- granulated, in a polyethylene bags 20 kg on a wooden pallet 600 kg,

- pastilles, in polyethylene bags 20 kg on a wooden pallet 600 kg
- slabs in 24 kg cartons on 720 kg pallets,
- slabs on pallets 1000 kg,
- containers 16 kg.

The method of 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, 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. GRANLUX, GRANLUX II and GRANLUX II D should be stored in temperature below 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 5 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-EN ISO 3170:2006 Petroleum liquids. Manual sampling.

Other standards related: table 1.

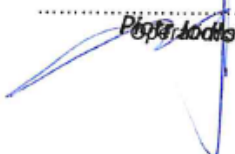
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