

	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2017/LP-89
	ALPACKWAX Plus	Edition no.	5
		Date (Of actualisation)	September 11th, 2025

1. INTRODUCTION

1.1 Subject. The subject of this document ALPACKWAX Plus is obtained in the process of composing the relevant petroleum products with suitable additives.

1.2 Range of the WT subject usage. The product is used as a binder for connecting layers of multilayer packages. The product is designed for contact with foodstuffs.

2. LABELLING

2.1 Labelling examples:

ALPACKWAX Plus

WT – 2017/LP-89

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	ALPACKWAX Plus Parameter value	Test method
1	2	3	4
a) Congealing point	°C	75,0 – 85,0	PN-ISO 2207:2011 ASTM D 938
b) Drop melting point	°C	80 - 90	PN-ISO 6244:2012
c) Flash point	°C	min. 220	PN-EN ISO 2592:2017-10 ASTM D 92-97
d) Penetration at 25°C	1/10 mm	max. 45	PN-C-04313:2018-02 ASTM D 1321
e) Kinematic viscosity at 100°C	mm ² /s	min. 20,00	PN-EN ISO 3104:2004
f) Mechanical impurities and water content	-	not present	PN-C-96115:1974
g) Odour	-	max. 1	PN-C-04353:2004

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

4. PACKAGING, STORAGE AND TRANSPORTATION

4.1 Packaging. ALPACKWAX Plus is stored in a following way:

- Cardboard 20 kg.
- Slabs on a wooden pallet 300-500 kg, the individual layers of the slabs are separated by siliconized paper.

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. ALPACKWAX Plus should be stored in temperature not higher than 30°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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