	<b>PRODUCT TECHNICAL SPECIFICATION</b>	<b>No.</b>	<b>WT-2005/LP-36</b>
	<i>Paraffin emulsion LTP E- 60/A,B,C,D,E,F,G,H,I,J</i>	<b>Edition no.</b>	<b>19</b>
		<b>Date</b> (last actualization)	<b>October 13th, 2021</b>

## 1. INTRODUCTION

- 1.1. Subject.** The subject of this document are paraffin emulsions LTP E-60. According to raw material used six types of emulsions may be distinguished; LTP E-60/A, LTP E-60/B, LTP E-60/C, LTP E-60/D, LTP E-60/E, LTP E-60/F, LTP E-60/G, LTP E-60/H, LTP E-60/I, LTP E-60/J.
- 1.2. Range of the WT subject usage.** Paraffin emulsions LTP E-60 are mainly used for wood and fibreboard impregnation.

## 2. LABELLING

### 2.1. Labelling examples

Emulsja parafinowa LTP E-60/A	WT-2005/LP-36
Emulsja parafinowa LTP E-60/B	WT-2005/LP-36
Emulsja parafinowa LTP E-60/C	WT-2005/LP-36
Emulsja parafinowa LTP E-60/D	WT-2005/LP-36
Emulsja parafinowa LTP E-60/E	WT-2005/LP-36
Emulsja parafinowa LTP E-60/F	WT-2005/LP-36
Emulsja parafinowa LTP E-60/G	WT-2005/LP-36
Emulsja parafinowa LTP E-60/H	WT-2005/LP-36
Emulsja parafinowa LTP E-60/I	WT-2005/LP-36
Emulsja parafinowa LTP E-60/J	WT-2005/LP-36

## 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.

<b>Parameters</b>	<b>Units</b>	<b>Paraffin emulsion LTP E-60</b> Types: A, B, C, D, E, F,G, H, I, J parameter value	<b>Test method</b>
Density at 20°C	g/cm <sup>3</sup>	0,850-0,970	PN-EN ISO 3675:2004 ASTM D 4052
Dry solids content	%	58-62	Point 3.3 of technical specification
pH (10% solution)	-	8,0-9,5	PN-C-04963:1989
Dynamic viscosity at 20°C	cP	max. 300	PN-ISO 2555:1999

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

- 3.3. Dry solids content research.** Measurement of dry solids content is performed by means of a weighing-drier operating with the use of infrared radiation. Measurement must be done according to the manual of the weighing-drier. Place the aluminum weighing container together with the filter paper in the weighing-drier and tare it. Then weigh about 1 g ( $\pm 0,200$  g) of paraffin emulsion onto the filter paper. Close the cover of the instrument, set

drying temperature to 120°C and start drying until the mass does not change more than 0.001 g in 120 seconds. At the end of the drying process, read the result, which is the percentage of dry solids content in the paraffin emulsion. The final result shall be a mean average of two measurements.

#### 4. PACKAGING, STORAGE AND TRANSPORTATION

##### 4.1 Packaging. Paraffin emulsion LTP E-60 is stored in a following way:

- liquid paraffin loose in the heated storage tanks,
- Cans of capacity 20 and 200 l,
- IBC containers of capacity 1000 l.

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. Paraffin emulsion LTP E-60 should be stored in temperature range 5-35°C, in closed packages in a shaded place protecting against direct access of sun, humidity and mechanical impurities. Shelf Life of the product stored in accordance with the above guidelines is 1 year.

##### 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.

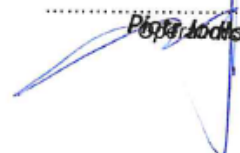
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