

	PRODUCT TECHNICAL SPECIFICATION	No.	WT-2018/LP-95
	Paraffin emulsion PWX F-40/B	Edition no.	3
		Date (last actualization)	September 25th, 2018

1. INTRODUCTION

- 1.1. **Subject.** The subject of this document is paraffin emulsion PWX F-40/B.
- 1.2. **Range of the WT subject usage.** Paraffin emulsion PWX F-40/B is used in paper industry for paper coating .

2. LABELLING

2.1. Labelling examples

Emulsja parafinowa PWX F-40/B WT-2018/LP-95

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	Paraffin emulsion PWX F-40/B parameter value	Test method
Density at 20°C	g/cm ³	0,850-0,980	PN-EN ISO 3675:2004 ASTM D 4052
Dry solids content	%	38-42	Point 3.3 of technical specification
pH (10% solution)	-	8,0-9,5	PN-C-04963:1989
Dynamic viscosity at 20°C On Brookfield viscometer: RV01 spindle, RPM 50 [1/min]	cP	max. 200	PN-ISO 2555:1999

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

- 3.1. **Dry solids content test.** 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 PWX F-40/B is stored in a following way:

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

4.2 Storage. Paraffin emulsion PWX F-40/B should be stored in temperature range 5-35°C, in storage tanks equipped with a mixer or 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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