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VOC TEST REPORT

VOC Content

9 September 2020

1 Sample Information

Sample name	Perlifoc HP
Sample no.	392-2020-00314302
Production date	01/07/2020
Batch No.	Palet number 42
Sample reception	17/07/2020



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Analytical Service Manager

2 Applied Test Methods

2.1 Specific Laboratory Sampling and Analyses

Test	Regulation, protocol or standard	Version	Internal SOP	Limit of detection	Uncertainty
				[g/L]	U _m ± %
Solids Content	ASTM D2369	2010	71 M 544830	1	10
VOC	ASTM D2369	2010	71 M 544830	1	10

2.2 Preparation of the Test Specimen

The sample was mixed homogeneously, 5 g material in 4 g water before applying a portion of the sample to the test dish.

3 Results

	Remarks on the test results	Results	Unit
Density	Assumed to be 1	1	g/mL
Water Content *	Calculated from mixing ratio	45	% (w/w)
Solids Content	Tested by the lab	58.5	% (w/w)
VOC content (less water)	Calculated based on the results above	< 1	g/L
VOC content (less water)	Calculated based on the results above	< 0.1	% (w/w)

4 Appendices

4.1 How to Understand the Results

4.1.1 Acronyms Used in the Report

- < Means less than
- > Means bigger than
- * Not a part of our accreditation
- ⌘ Please see section regarding uncertainty in the Appendices
- 1 Analysed by another Eurofins laboratory

4.2 Description of VOC Content Test

4.2.1 Testing of VOC

Volatile content of the sample was determined gravimetrically by heating to 110 °C in 60 minutes. Multicomponent products are mixed according to the manufacturer's instructions and allowed to cure before heating.

The result is the average of two replicates. The result was calculated as:

$$VOC = \frac{([g \text{ All Volatiles}] - [g \text{ Water}] - [g \text{ Exempt Compounds}])}{([liter \text{ Material}] - [liter \text{ Water}] - [liter \text{ Exempt Compounds}])}$$

4.3 Uncertainty of the Test Method

Um(%): The expanded uncertainty Um is equal to 2 x RSD%.