



LABORATORY REPORT

M/s TRADECC NV/SA
Terbekehofdreef 50
 B-2610 Wilrijk
 Belgium

Report No: WAOC16-1975.1Rev1
 Sample No: WAOC16-1975.1
 Report Date: 01/09/2016

Introduction: Further to the request received from M/s **TRADECC NV/SA** dated 18th August 2016 to test sample of Polyurethane Injection Resin, the results obtained are detailed below.

Sample description : Polyurethane Resin
Sample Identification : PC LEAKINJECT 2K FLEX 6811 LV A: 1KG
 : PC LEAKINJECT 2K FLEX 6811 LV B: 1KG
Sample Received : 18/08/2016
Sample Register date : 18/08/2016
Date Reported : 01/09/2016
Tested by : RR



Mixing Ratio

PC LEAKINJECT 2K FLEX 6811 LV A: PC LEAKINJECT 2K FLEX 6811 LV B: 1KG
 1:1 by volume

Test Procedure:

The supplied samples were mixed as per client procedure, and then the mixing product was coated on a suitable panel and immersed in known amount of potable water and stored at prescribed temperature in a calibrated incubator as per instructions given by BS 6920. Extractions were made with the sample after 24 hours for chemical analysis. Analysis was carried out on the extracted water sample to check **the migration tests** as per BS 6920 specification.

I. Migration tests

Sensory tests: Odor and flavor & appearance of water

Sample preparation method- BS 6920 Part 2.2.1
 Analysis method- APHA

Description		Deionised Water (Blank)	Sample Extract (Water after immersing the sample)	BS 6920: Part 1 2000 Spec. limit
		Period of incubation 24 hours		
Odor	-	No Discernible Odour	No Discernible Odour	No discernible Odour
Flavour	-	No Discernible Flavour	No Discernible Flavour	No discernible Flavour
Appearance	-	No Discernible Appearance	No Discernible Appearance	No discernible Appearance
pH	-	7.01	6.92	-
Conductivity	µS/cm	2.2	2.5	-
Total chlorine	mg/L	<0.02	<0.02	-
Free chlorine	mg/L	<0.02	<0.02	-

Remarks: No characteristic variation was observed in the sensory characteristics, suggests that the product fulfills BS 6920 specification.





Report No: WAOC16-1975.1 Rev1
Sample No: WAOC16-1975.1

Growth of Aquatic Microorganisms

Sample preparation method: B 6920-2.4*

Mean Dissolved Oxygen Difference-MDOD mg/L

Test	Method	Results	Limit value
MDOD	BS EN 25814	1.52	2.39

Remarks:

The mean dissolved oxygen difference results is within the limit of BS 6920 regulation hence suggests that the product fulfills BS 6920 specification.

Leaching tests: Extraction of metals

Sample preparation method - BS 6920 part 2.26

Analysis APHA 3120 B*

Description	Distilled Water (Blank)	Sample Extract (Water after immersing the sample)		BS 6920: Part 1 2000 Spec. limit
		Period of incubation 24 hours		
Metals		Results (Micrograms/litre)		
Aluminium	Al	<20	<20	Max. 200
Antimony	Sb	<5	<5	Max. 10
Arsenic	As	<10	<10	Max. 50
Barium	Ba	<10	<10	Max. 1000
Cadmium	Cd	<1	<1	Max. 5
Chromium	Cr	<5	<5	Max. 50
Iron	Fe	<20	<20	Max. 200
Lead	Pb	<5	<5	Max. 50
Manganese	Mn	<5	<5	Max. 50
Mercury	Hg	<0.1	<0.1	Max. 1
Silver	Ag	<1	<1	Max. 10
Nickel	Ni	<3	<3	Max. 50
Selenium	Se	<1	<1	Max. 10

Remarks: The metal release from the sample was not exceeded: suggest the product fulfills BS 6920 specification.

Sreejith M.I

Assistant Laboratory Manager

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

*Not Accredited

- End of text-

Page no 2 of 2

Abu Dhabi : Tel : +971 2 5503324, Fax : +971 2 5503387, P.O.Box : 115086
Mussafah M-34, U.A.E.

Dubai : Tel : +971 4 3204717, Fax : +971 4 3204718, P.O.Box : 123279
Ras Al Khor Ind. Area 2, U.A.E.

E-mail : info@wimpeylab.com, Website : www.wimpeylab.com

