

START DATE 25/02/2019
END DATE 04/03/2019

APPLICANT

RESIN PRO SRL
Via XXV Aprile, SNC
19021 Arcola SPSAMPLE DESCRIPTION Quotation No. 156.SD
Sample Received 25/02/2019
Reference: RESIN
Colour: TRANSPARENT
End Use: EPOXY FOR JEWELS
Fiber composition CURED EPOXY RESIN
Buyer's Name: RESIN PRO SRL

Sample 01

Test	Rating	Failure result
8038 - PAH detection INTERTEK IHTM AL.2.032 based on AfPS GS 2014:01	P	
HEAVY METALS by acid extraction Microwave digestion and ICP-OES Analysis ISO105E04 - IHTM	P	
Determination of cadmium. Wet decomposition method EN 1122:2001	P	
12000 - Total Lead Content CPSC-CH-E1002-08.3	P	

P = MEETS REQUIREMENT / A = ACCEPTABLE / F = DOES NOT MEET REQUIREMENT / NR = NO REQUIREMENT / SC = STILL CONTINUES / X = NOT PERFORMED
Values in brackets represent the limits

LAB N° 0579

TEST METHOD	SAMPLE DESCRIPTION	PARAMETERS	RESULT	U.M.	LIMITS	LQ	NOTES	LAB
8038 - PAH detection INTERTEK IHMT AL.2.032 based on AfPS GS 2014:01	01	2 Acenaphthylene 208-96-8	Not Detected	mg/kg		0,2	*	TK
		3 Acenaphthene	Not Detected	mg/kg		0,2	*	TK
		4 Fluorene 86-73-7	Not Detected	mg/kg		0,2	*	TK
		5 Phenanthrene 85-01-8	Not Detected	mg/kg		0,2	*	TK
		6 Anthracene 120-12-7	Not Detected	mg/kg		0,2	*	TK
		7 Fluoranthene 204-44-0	Not Detected	mg/kg		0,2	*	TK
		8 Pyrene 129-00-0	Not Detected	mg/kg		0,2	*	TK
		SUM	Not Detected	mg/kg		<50	*	TK
		1 Naphtalene	Not Detected	mg/kg		<10	*	TK
		9 Benzo(a)anthracene 56-55-3	Not Detected	mg/kg		<1	*	TK
		10 Chrysene 218-01-9	Not Detected	mg/kg		<1	*	TK
		11 Benzo(b)fluoranthene 205-99-2	Not Detected	mg/kg		<1	*	TK
		12 Benzo(k)fluoranthene 207-08-9	Not Detected	mg/kg		<1	*	TK
		13 Benzo(a)pyrene 50-32-8	Not Detected	mg/kg		<1	*	TK
		14 Indeno(1,2,3-cd)pyrene 193-39-5	Not Detected	mg/kg		<1	*	TK
		15 Dibenzo(a,h)anthracene 53-70-3	Not Detected	mg/kg		<1	*	TK
		16 Benzo(ghi)perylene 191-24-2	Not Detected	mg/kg		<1	*	TK
		17 Benzo(e)pyrene 192-97-2	Not Detected	mg/kg		<1	*	TK
		18 Benzo[j]fluoranthene 205-82-3	Not Detected	mg/kg		<1	*	TK
SUM (18 PAH)	Not Detected	mg/kg		<50	*	TK		
HEAVY METALS by acid extraction Microwave digestion and ICP-OES Analysis ISO105E04 - IHMT	01	Antimony	< 5	mg/kg	5	5	*	ITA
		Arsenic	< 2,5	mg/kg	5	2,5	*	ITA
		Cadmium	< 2,5	mg/kg	5	2,5	*	ITA
		Lead	< 5	mg/kg	10	5	*	ITA
		Mercury	< 2,5	mg/kg	5	2,5	*	ITA
		Chromium	< 2,5	mg/kg	5	2,5	*	ITA
		Cobalt	< 5	mg/kg	5	5	*	ITA
		Copper	< 5	mg/kg	5	5	*	ITA
		Nickel	< 5	mg/kg	5	5	*	ITA
Determination of cadmium. Wet decomposition method EN 1122:2001 <u>Operating Conditions</u> Method: ICP Microwave wet digestion	01	Measurement 1	< 6	mg/kg	100	6		ITA
		Measurement 2	< 6	mg/kg	100	6		ITA
		Average of Cadmium Content	< 6	mg/kg	100 ⁽¹⁾	6		ITA

Laboratory Manager


 Ilenia Francioni
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TEST METHOD	SAMPLE DESCRIPTION	PARAMETERS	RESULT	U.M.	LIMITS	LQ	NOTES	LAB
12000 - Total Lead Content CPSC-CH-E1002-08.3	01	Lead	< 20	mg/kg	100	20		ITA

References

⁽¹⁾ CADMIUM CONTENT REQUIREMENT IN ANNEX XVII ITEM 23 OF THE REACH REGULATION (EC) NO. 1907/2006 (FORMERLY KNOWN AS DIRECTIVE 91/338/EEC)

Test performed by:

TK: Intertek Test Hizmetleri A.S.

Merkez Mahallesi Sanayi cad. No.23

Altindag Plaza Yenibosna-34197 Istanbul /TURKEY

ITA: Intertek Italia S.p.a.

Via di Stagno 17 F/G

50055 Lastra a Signa (FI)

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A representative portion of the sample is kept for 60 days. Specimen are kept for 30 days.
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UM: unit of measurement

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Uncertainty is the extended uncertainty calculated using a coverage factor of 2 which gives a level of confidence of approximately 95%.

All the results are reported without considering the uncertainty.

LQ: Quantification Limit

RESULTS MARKED IN RED EXCEED LIMITS

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END OF TEST REPORT

Laboratory Manager



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