

TEST REPORT

Report No.: STR181109321

Date: Nov 9, 2018

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Applicant : ShenZhen TaiYan Abrasive Products Co., Ltd
Applicant Address : 25th Dakang Xintang Road, Henggang Town, Longgang District, Shenzhen City, Guangdong Province, China.

The following samples were submitted by the client said to be:

Sample Name : Aluminium
Model No. oxide : 46-200#
Trademark : RUIGE
Date of Test : Nov 06 – 09, 2018
Date of Report : Nov 09, 2017
Test Requested : As requested by the applicant, submitted sample were screened by XRF spectroscopy for EU Directive 2011/65/EU Annex II; recasting 2002/95/EC.
Test Results : Details, please refer to the following pages.

Tested by (name * signature)..... +.: Jerry Ding

Supervised by (name * signature).+.: Susan Chen

Approved by (name * signature)+.... : Flare Qiu



Declaration:

- (1) The test results exclusively refer to the samples examined.
- (2) This report shall not be reproduced except in full without written approval and does not authorize the use of Shenzhen Certification Technology Service Co., Ltd.
- (3) The report is invalid without signature and seal of Shenzhen Certification Technology Service Co., Ltd.

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(A) The test result of XRF:

As per IEC 62321 : 2008, screened by XRF spectroscopy.

No.	Component Description	Test Item	XRF Result
1	Aluminium oxide	Cadmium (Cd)	P
		Lead (Pb)	P
		Mercury (Hg)	P
		Chromium (Cr)	P
		Bromine (Br)	P

XRF screening limits in mg/kg for regulated elements in various material

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	P≤70 <IC <130≤F	P≤70 <IC <130≤F	P≤70 <IC <250≤F
Lead (Pb)	P≤700 <IC <1300≤F	P≤700 <IC <1300≤F	P≤500 <IC <1500≤F
Mercury (Hg)	P≤700 <IC <1300≤F	P≤700 <IC <1300≤F	P≤500 <IC <1500≤F
Chromium (Cr)	P≤500 <IC	P≤700 <IC	P≤500 <IC
Bromine (Br)	P≤300 <IC	N.A.	P≤250 <IC

Remark :

(1) mg/kg =milligram per kilogram

(2) P=Pass;F=Fail;IC=Inconclusive; N.A.=Not Applicable

Estimated Detection Limits in mg/kg for regulated elements in various material

Element	Polymer Material	Metallic Material	Composite Material
Cadmium (Cd)	50	70	70
Lead (Pb)	100	200	200
Mercury (Hg)	100	200	200
Chromium (Cr)	100	200	200
Bromine (Br)	200	N.A.	200

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(B) Tested sample photos:



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