

POLYROCKS CHEMICAL CO.,LTD

B6,XIONGXING INDUSTRIAL PARK,HIGH-TECH INDUSTRIAL DEVELOPMENT  
ZONE,QINGYUAN,GUANGDONG,CHINA

SOLUBAG SPA

GENERAL KORNER N° 181 COMUNA DEL EL BOSQUE, SANTIAGO

The following sample(s) was/were submitted and identified on behalf of the clients as:

PVA Water Soluble films

SGS Job No. : GZIN1606027403PC - GZ  
Date of Sample Received : 20 Jun 2016  
Testing Period: 20 Jun 2016 - 24 Jun 2016  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

**Conclusion :** When tested as specified, Migration of certain elements of the submitted sample(s) do not exceed the limit of the European Standard EN 71-3:2013+A1:2014.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Merry Lv



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Approved Signatory



**Test Results :**

**Test Part Description :**

Specimen No.	SGS Sample ID	Description
SN1	CAN16-116887.002	Translucent film

**Remarks :**

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

**EN 71-3:2013+A1:2014 Migration of Certain Elements ( Category III: Scrapped-off toy material )**

**Test Method :** With reference to EN 71-3:2013+A1:2014. Analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>00?</u>
Soluble Aluminum(Al)	70,000	mg/kg	50	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Barium (Ba)	18,750	mg/kg	50	ND
Soluble Boron(B)	15,000	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND
Soluble Chromium (III) (Cr (III))	460	mg/kg	5	ND
Soluble Chromium (VI) (Cr (VI) )	0.2	mg/kg	0.18	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND
Soluble Copper(Cu)	7,700	mg/kg	50	ND
Soluble Lead (Pb)	160	mg/kg	10	ND
Soluble Manganese(Mn)	15,000	mg/kg	50	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND
Soluble Organic Tin	12	mg/kg	-	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Strontium(Sr)	56,000	mg/kg	50	ND
Soluble Tin(Sn)	180,000	mg/kg	4.9	ND
Soluble Zinc (Zn)	46,000	mg/kg	50	ND

**Notes :**



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

1. Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)
2. Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71-3:2013+A1:2014
3. Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2013+A1:2014.

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

