

產品名稱 : D3透明 RD2b  
測試報告內容 : 六種鄰苯二甲酸鹽 < 1000ppm 共4頁  
符合條例 : 歐盟指令 2005/84/EC  
適合產品 : 兒童玩具或PVC塑膠產品



TÜVRheinland®

**Test Report No. :** Q00015194a 001

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**Client:** HILLS (HONG KONG) COMPANY LIMITED

Unit A, 3/F., Block 2, Koon Wah Mirror Fty.,  
Sixth Ind. Bldg., 7-9 Ho Tin Street,  
Tuen Mun, Hong Kong

**Test Item(s):** Raw materials

**Identification/** N2HOQC/15652-1, NPD3T/30, 0.12MM, R0210C

**Model No(s):** ITEM NO.: R1010-1

**Sample Receiving date:** 29 Dec. 2009

**Delivery condition:** Apparent good, Samples tested as received

**Test Specification:**

1. BBP, DBP, DeHP content and DNOP, DINP, DIDP content requirements of REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 51 & 52 respectively (formerly known as 2005/84/EC)

**Test Result:**

PASS

**Other Information:**

According to the customer's instruction, only raw material was tested. Please refer to the material list on page 2 for details.

For and on behalf of  
TUV Rheinland (Hong Kong) Ltd.

05 Jan 2010  
Date

Schwan Ting / Project Manager  
Name / Position

Test result is drawn according to the kind and extent of tests performed.  
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

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**Material List**

Item: N2HOQC/15652-1, NPD3T/30, 0.12MM, R0210C  
ITEM NO.: R1010-1

Material No.	Material	Color	Location
M001	Plastic	Transparent	Plastic sheet

**1. Phthalates**

Test Method: Organic solvent extraction, analyzed by GCMS (QMA 36.035.13 HKG)

Testing Period: 29 Dec. 2009 - 04 Jan. 2010

**Test Result:**

		Test No.	T001
		Material No.	M001
Dibutyl phthalate	DBP	%	<0.005
Benzyl butyl phthalate	BBP	%	<0.005
Di-2-ethylhexyl phthalate	DEHP	%	<0.005
Sum		%	n.d.
Di-n-octyl phthalate	DNOP	%	<0.005
Di-iso-decyl phthalate	DIDP	%	<0.005
Di-iso-nonyl phthalate	DINP	%	<0.005
Sum		%	n.d.

Abbreviation : < denotes less than  
n.d. denotes not detected

**Remark :**

\*1 Single components with an amount of <0.005% were not considered by the calculation of the sum. In the case of all 6 Phthalates were not detected, the result is stated n.d.

\*2 Requirements according to BBP, DBP and DeHP content requirements of REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 51 (formerly known as 2005/84/EC) and DNOP, DINP and DIDP content requirements of REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 52 (formerly known as 2005/84/EC) are summarized as below.

## A. For toys and childcare articles:

Parameter	Unit	Maximum Allowable Limit
Dibutyl phthalate (DBP)	%	--
Butyl benzyl phthalate (BBP)	%	--
Di-2-ethylhexyl phthalate (DEHP)	%	--
Sum	%	0.1

## B. Additional requirements for toys and childcare articles, which can be placed in mouth by the children:

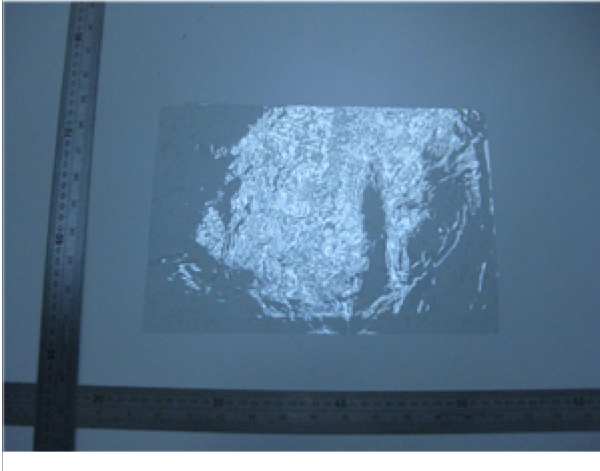
Parameter	Unit	Maximum Allowable Limit
Di-n-octyl phthalate (DNOP)	%	--
Di-iso-decyl phthalate (DIDP)	%	--
Di-iso-nonyl phthalate (DINP)	%	--
Sum	%	0.1

Testing Laboratory accredited by DAP according to DIN EN ISO/IEC 17025. The accreditation is valid for the test methods stated in the certificate.

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Sample photo:



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