

### บริษัท ไทยโพลิเอททีลีน จำกัด THAI POLYETHYLENE CO., LTD.

#### **CERTIFICATE OF ANALYSIS**

PAGE 1/2

PRODUCTION/MANUFACTURE DATE: August 04, 2014

DATE: August 13, 2014

INVOICE NO.: 1631003416 GRADE : SG660

BATCH/LOT NO.: R9148009 QUANTITY

SAMPLE CHARACTERISTIC :

: 6.000 MT **ETD DATE** 

APPLICANT/BUYER/CUSTOMER NAME:

: August 13, 2014

PLASTI PACK

JALAN INDUSTRIAL PARK, JALADHULAGORI, P.S.- SANKRAIL, ANDUL MOURI, HOWRAH - 711302 IEC CODE: 0295003294

TEST ITEM	UNIT	TEST RESULT	TEST METHOD
atained on 75 micron	%	97.1	ASTM D 1921
impurities and Foreign Matter	pt/100 squ	1	ISO 1265
Volatile Matter	%	0.1	ISO 1269
K-Value	-	66.0	DIN 53726
Retained on 250 micron	%	0.1	ASTM D 1921
Apparent Density	g/ml	0.54	ISO 60

THAI POLYETHYLENE CO.,LTD. AS MANUFACTURER

(Kuntika Lymai) ที่สิน จำกัด Authorized Signature CO.LTD

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\*\*\* To be continued on next page \*\*\*
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CEE-F-C1011-002

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THAI POLYETHYLENE CO., LTD.

Tel: 10 2866 6161, 0 2886 6262 Fa: 02910 4022 Tel: 0 2866 6161, 0 2886 6262 Fa: 02910 4022 Tel: 0 62865 3393-7 Fa: 06.3868 3398

# LG PVC LS100H





# **Product Information**

www.chemwide.com

Updated: Mar. 2013

## **General Description**

LS100H, homopolymer made by suspension polymerization, can be applied to rigid products.

#### **Main Applications**

Pipe, profiles, sash

## **Resin Properties**

Parameter	Test Method	Unit	Test Condition	Typical Value
K-Value	DIN 53726	-	-	67
Degree of Polymerization	ASTM D1243	-	30 ℃	$1,060\pm50$
Particle Size	ASTM D1921	%	45 Mesh pass	99.8
Apparent Bulk Density	ASTM D1895	g/cm <sup>3</sup>	-	$0.59 \pm 0.04$
Specific Gravity	ASTM D792	-	23 ℃	1.4
Volatiles	ASTM D3030	%	110℃, 1hr	Max. 0.3

#### **Packaging**

Paper bag(25kg), Jumbo bag

#### Certificate Numbers

ISO 9001:2000 00048-1997-AQ-SEO-RVA (rev.1)
ISO 14001:2004 0008-1996-AE-SEO-RVA
OHSAS 18001:1999 0015-2000-HSO-SEO-DNV (rev.1)



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Keep the directions and advices contained in MSDS (Material Safety Data Sheet) made and distributed by LG Chem when handling the product and work out proper safety countermeasures. The substance described in MSDS is intended for general condition and each user must work out additional safety countermeasures when mixing with other products or using in special condition.



C.P.O. BOX 7423, SEOUL, SOUTH KOREA

## **CERTIFICATE OF ANALYSIS**

To PLASTI PACK

Date: 2015-05-16

JALAN INDUSTRIAL PARK

JALADHULAGORI PS SANKRAIL

ANDUL MAURI HOWRAH 711302, INDIA

Shipment from

KWANGYANG PORT IN SOUTH KOREA

Shipment to

KOLKATA PORT, INDIA

Shipment on

KMTC DUBAI /1501W

Shipped on board date 2015-05-16

#### Description of Goods

54 M.T. PVC RESIN P-1000

DULY PACKED IN 25 KG NET IN EXPORT STANDARD BAG

AS PER PROFORMA INVOICE NO.15 PI-IN0421-B DATED 21APR2015 OF HANWHA CORPORATION.

DOCUMENTARY CREDIT NUMBER: DPCDAL361123

ISSUED BY HSBC GLOBAL TRADE AND RECEIVABLES FINANCE,

31, B.B.D.BAG, KOLKATA - 700 001, INDIA.

#### Remarks

WE HEREBY CERTIFY THAT THE FOLLOWING MENTIONED RESULTS HAVE BEEN OBTAINED FROM ANALYTICAL TEST CONDUCTED ON THE RANDOM SAMPLE MATERIAL. THEREFORE IT IS PROVED THAT PRODUCTS ARE OF VIRGIN AND FIRST QUALITY STANDARD PRODUCTS. QUALITY OF GOODS AND RESULT OF ANALYSIS OF GOODS AS FOLLOWS :

TEST ITEMS	UNIT	SPECIFICATIONS/METHOD	TEST RESULT
========	====		========
LOT NO.			Y50511B2
AVERAGE POLYMERIZATION DEGREE	N/A	950 ~ 1050	991
BULK DENSITY	G/CC	0.48 ~ 0.56	0.560
VOLATILE MATTER	%	MAX. 0.30	0.140
P.S DISTRIBUTION (42 MESH PASS)	00	MTN. 100	100

S. Y. Kim GCL MANAGER



# 華夏聚合股份有限公司高雄分公司 CGPC POLYMER CORPORATION KAOHSIUNG BRANCH

# Certificate of Analysis

Customer: PLASTI PACK

Date: 2015/05/26

Product Name: PVC RESIN SUSPENSION GRADE H-66

Order: 15000515

antity: 51 M.T.

Shipping: 15800364

Lot No.: 15052

Lot 140 13032					
Test Items	Test Method	Test Standard	Test Result		
1. Volatile Matter Content (%)	ISO 1269	< 0.3	0.13		
2. Apparent Density (g/cm³)	ISO 60	0.48~0.58	0.546		
3. Foreign Material (grains/100g)	Visual Inspection	<40	6		
4. Particle Size Distribution (pass %)  Micron Mesh No.  355  45	Malvern Mastersizer 2000E	>99.0	99.85		
5. VCM Residual (ppm)	ISO 6401	<1.0	0.1		
6. K-Value	ISO 1628-2	65~67	66		

核准(Approved): 王文龍(Wang Wen Long)

製表(Prepared):何國禎(Kuo Chen Ho)

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CGPC POLYMER CORPORATION

KAOHSIUNG BRANCH

News

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