



مجموعة الهلال الصناعية  
Al-Hilal Industrial Group



WE BUILD TRUST

# CATALOGUE

## OMAN POLYCON

HDPE & LLDPE PRODUCTS



# C ONTENT

- LLDPE Products
- HDPE Products
- Who We Are
- Certificates



## FEATURES OF THE PRODUCT - LLDPE



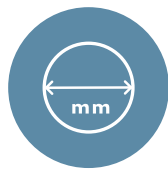


# LLDPE WATER TANK-VERTICAL



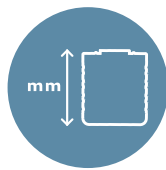
## TANK CAPACITY

50  
100  
200  
300  
400  
500  
600  
800  
1000  
1200  
1500  
2000  
3000  
4000  
5000



## TANK DIAMETER

570  
860  
1000  
1200  
1357  
1390  
1575  
1750  
1770  
1910  
1950  
2120  
2480  
2630  
2680



## TANK HEIGHT

840  
910  
1170  
1230  
1320  
1525  
1525  
1850  
1820  
2110  
2150  
2660  
3130  
3350  
3685

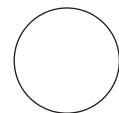


## LAYERS

2  
3  
4



## COLOR



WHITE



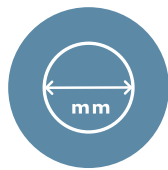
ARMY

# LLDPE WATER TANK DOME



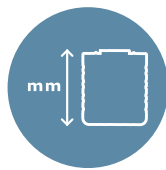
## TANK CAPACITY

400  
600  
800  
1000  
1500  
2000



## TANK DIAMETER

1500  
1550  
1565  
2000  
2200  
2200



## TANK HEIGHT

1200  
1600  
1840  
2000  
1870  
2400

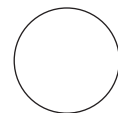


## LAYERS

2  
3



## COLOR



WHITE



ARMY

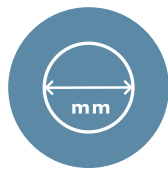


# LLDPE WATER TANK - HORIZONTAL



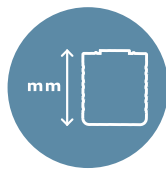
## TANK CAPACITY

- 50
- 100
- 200
- 300
- 400
- 500
- 600
- 800
- 1000



## TANK DIAMETER

- 0.860
- 940
- 1015
- 1170
- 1275
- 1460
- 1340
- 1450



## TANK HEIGHT

- 0.910
- 930
- 1150
- 1300
- 1390
- 1500
- 1430
- 1540

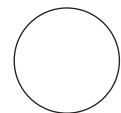


## LAYERS

3



## COLOR



WHITE



ARMY

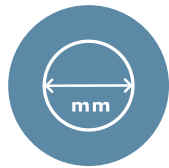


# LLDPE WATER TANK HORIZONTAL-B



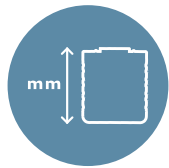
## TANK CAPACITY

- 400
- 600
- 800
- 1000
- 2000



## TANK DIAMETER

- 0.860
- 1.000
- 1.2000
- 1.375
- 1.375



## TANK HEIGHT

- 0.910
- 1.170
- 1.230
- 1.340
- 1.340

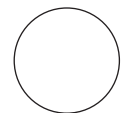


## LAYERS

- 3



## COLOR



WHITE



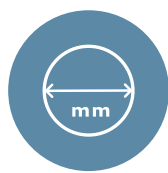
ARMY

# HDPE WATER TANK - VERTICAL



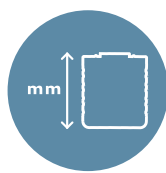
## TANK CAPACITY

300  
400  
600



## TANK DIAMETER

1110  
1220  
1375



## TANK HEIGHT

1305  
1450  
1655

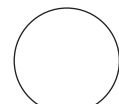


## LAYERS

3



## COLOR



WHITE



ARMY





## FEATURES OF THE PRODUCT - HDPE

High Density HDPE material with strong resilience against impact



High Durability



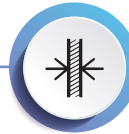
Can be used to store drinking water & irrigation purposes



Protect from growing algae



IP54 rated



Light weight & Multi Layer to enhance wall strength



WRAS certified Raw material used



Free after sales service within warranty period



UV Protected

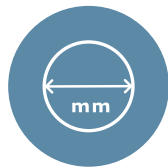


# LLDPE BOTTOM TANK CONICAL - WITHOUT FILTER



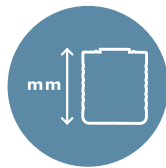
TANK CAPACITY

100



TANK DIAMETER

860



TANK HEIGHT

910

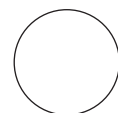


LAYERS

2  
3



COLOR



WHITE



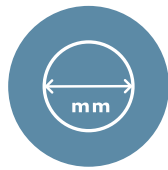
BLACK

# LLDPE Waste Bin



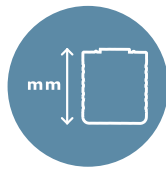
## TANK CAPACITY

350  
750



## TANK DIAMETER

800  
1065



## TANK HEIGHT

1200  
1310



## LAYERS

2  
3



## COLOR



ARMY



# LLDPE PICNIC TANK - NATURAL



**TANK CAPACITY**

150



**TANK DIMENSION**

700 X 450 X 365

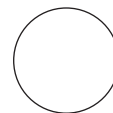


**LAYERS**

3



**COLOR**



WHITE



ARMY

# LLDPE WATER TANK - LOFT



## TANK CAPACITY

- 400
- 600
- 800
- 1000
- 2000



## TANK DIMENSION

2120 X 980 X 1050

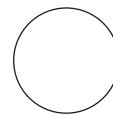


## LAYERS

- 1
- 2
- 3



## COLOR



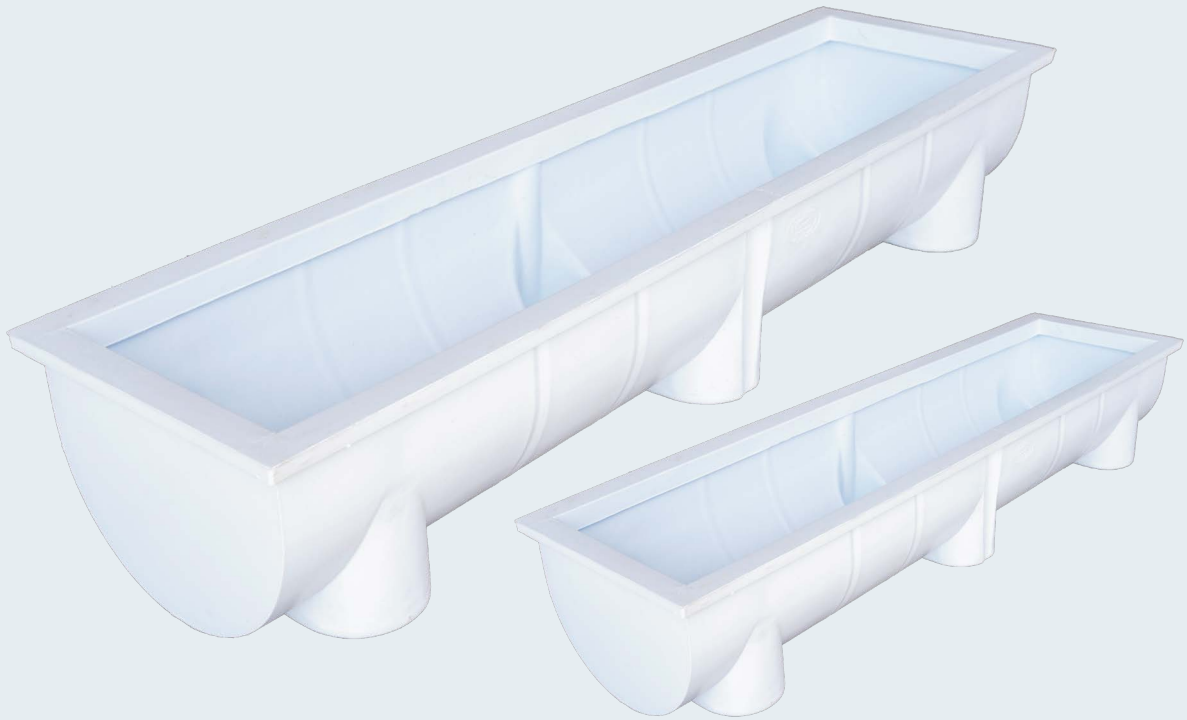
WHITE



ARMY



# LLDPE CATTLE FEEDER - HORIZONTAL



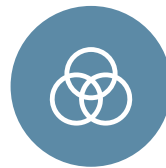
**TANK DIMENSION**

2080 X 550 X 370

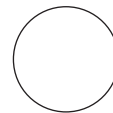


**LAYERS**

1



**COLOR**



WHITE



ARMY

# LLDPE FLOWER POT



## TANK DIMENSION

1400 X 580 X 260

1100 X 460 X 340

740 X 480 X 350



## LAYERS

1

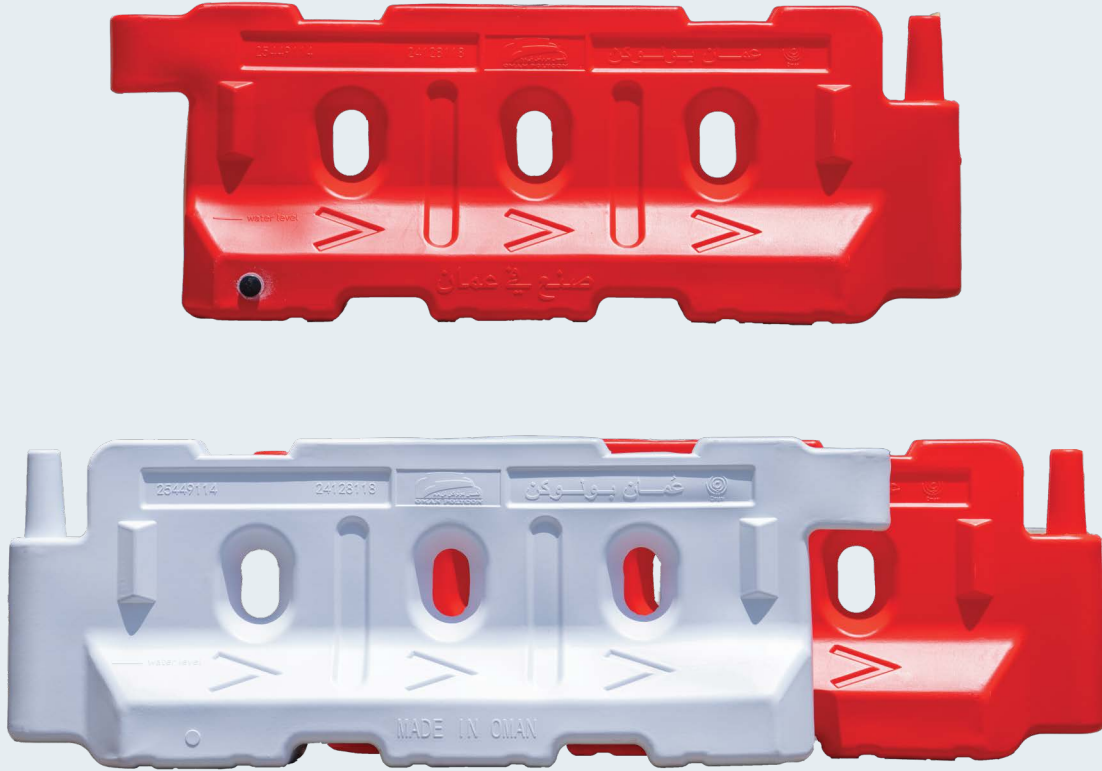


## COLOR





# HDPE ROAD BARRIER



**TANK DIMENSION**

2160 X 400 X 820

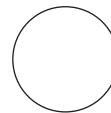


**LAYERS**

2



**COLOR**



WHITE



RED





# LLDPE TRAFFIC CONE



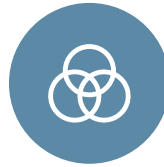
TANK DIMENSION

1000

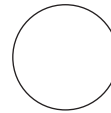


LAYERS

2



COLOR



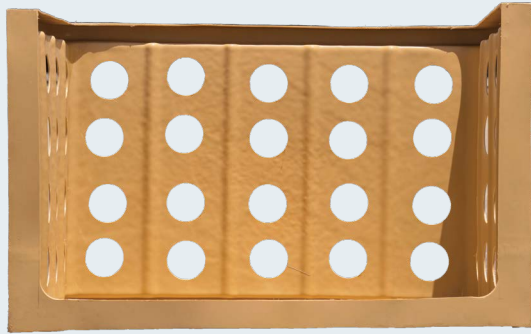
WHITE



RED



# LLDPE A/C COVER - WITH TRAY



**TANK DIMENSION**

930 X 600 X 575

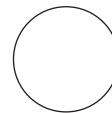


**LAYERS**

1



**COLOR**



WHITE



ARMY



# LLDPE PLAYGROUND BARRIER - Without Hole



**TANK DIMENSION**

1010 X 245 X 625



**LAYERS**

1



**COLOR**



YELLOW



RED

# WHO WE ARE

---

## PRODUCTS

We provide wide range of PE Products such as:

- HDPE & LLDPE horizontal & vertical water storage Tanks
- Road barriers
- AC Covers
- Mobile Toilets
- Poly Boxes
- Rotomolded aquaponic Grow Medium Bed

## SERVICES

- Aftersales service
- Five Years Warranty

ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
SOHAR BUSINESS INDUSTRY LLC / OMAN POLYCON LLC  
RESISTANCE TO IMPACT  
ISO 18110\*7 - C.A.3

Report date: 20/06/12

Project number	233 2007/12	Manufacturer	SOHAR BUSINESS INDUSTRY LLC
Project name	Quality Assurance	Sample by	SOHAR BUSINESS INDUSTRY LLC
Project location	Sohar, Oman	Sampling date	20/06/12
Project details	Not applicable	Sampling method	Not applicable
Customer	Not applicable	Issued by	SOHAR BUSINESS INDUSTRY LLC
Class of product	Not applicable	Issued for	18110*7
Sample description	Polycarbonate Water Tank	Issued by date	18/06/12
Inspected by	Not applicable	Issued for date	18/06/12

Insider mass : 2.5 kg  
Falling height : 2.0 m  
Surface and dia : 25 mm

Remarks: None  
Test method reference: None  
ALNOTY certifies that the above test was carried out in accordance with ISO 18110\*7 - C.A.3 and with the written approval of ALNOTY Laboratories.

This report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

The report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

Head of Physical / Mechanical Department  
Laboratory Manager  
For Al Noty Stinger Laboratories

ISO 9001  
CERTIFIED

ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
SOHAR BUSINESS INDUSTRY LLC / OMAN POLYCON LLC  
SUMMARY OF TEST REPORT FOR PETROLEUM WATER TANK  
ISO 18110\*7

Description of test	Result	GSO 1811 Requirement	Remarks
Expansion to deformation	0.1%	0.2%	Passed
Resistance to impact	No failure cracking or peeling	No failure cracking or peeling	Passed
Flexural strength	1617 (DNm <sup>2</sup> )	152 (DNm <sup>2</sup> )	Passed
Fluorocarbon	491 (DNm <sup>2</sup> )	200 (DNm <sup>2</sup> )	Passed
Label of compound used to weld	Compliant with ISO 9032 part 1	To be certified with ISO 9032 part 1	Passed
h. Total residual oxygen in the gas (MOC)	6.1 mg/L	< 4 mg/L	Passed

The report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

Head of Physical / Mechanical Department  
Laboratory Manager  
For Al Noty Stinger Laboratories

ISO 9001  
CERTIFIED

ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
AL HIJAL INDUSTRIAL GROUP L.L.C.  
SULFONATE OF OMAN  
ISO 9001:2015  
Scope of Certification

AL HIJAL INDUSTRIAL GROUP L.L.C.  
Head Office: Al Hija, Sohar, Sultanate of Oman, P.O. Box 1045, Al-Fasa, Sohar.  
P.O. Box 1045, Al-Fasa, Sohar, Sultanate of Oman.

MANUFACTURE OF LOW DENSITY POLYETHYLENE (LDPE) HIGH DENSITY POLYETHYLENE (HDPE) AND POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER FILMS  
MANUFACTURE OF POLYESTER NON WOVEN FABRICS  
MANUFACTURE OF POLYESTER THERMAL BONDING PAPER  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS  
MANUFACTURE OF POLYESTER BLENDED WITH POLYPROPYLENE (PP) PRODUCTS

Original Date: 10/06/2015  
Issue: 10/06/2015  
Revision: 10/06/2015  
Page 1 of 1

ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
SOHAR BUSINESS INDUSTRY LLC / OMAN POLYCON LLC  
TOP FLAT RESISTANCE  
ISO 18110\*7 - C.A.3

Report date: 20/06/12

Project number	233 2007/12	Manufacturer	SOHAR BUSINESS INDUSTRY LLC
Project name	Quality Assurance	Sample by	SOHAR BUSINESS INDUSTRY LLC
Project location	Sohar, Oman	Sampling date	20/06/12
Project details	Not applicable	Sampling method	Not applicable
Customer	Not applicable	Issued by	SOHAR BUSINESS INDUSTRY LLC
Class of product	Not applicable	Issued for	18110*7
Sample description	Polycarbonate Water Tank	Issued by date	18/06/12
Inspected by	Not applicable	Issued for date	18/06/12

Applied load: 190 kg

Order No	Initial deflection (mm)	Final deflection (mm)	Expansion (%)	
4318	4328	4328	0.0	
4318	4322	4322	0.0	
4318	4322	4322	0.0	
4318	4322	4322	0.0	
Average				0.0

Remarks: None  
Test method reference: None  
ALNOTY certifies that the above test was carried out in accordance with ISO 18110\*7 - C.A.3 and with the written approval of ALNOTY Laboratories.

This report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

The report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

Head of Physical / Mechanical Department  
Laboratory Manager  
For Al Noty Stinger Laboratories

ISO 9001  
CERTIFIED

ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
SOHAR BUSINESS INDUSTRY LLC / OMAN POLYCON LLC  
FLEXURAL MODULUS OF PLASTICS  
ISO 18110\*7 - C.A.3

Report date: 20/06/12

Project number	233 2007/12	Manufacturer	SOHAR BUSINESS INDUSTRY LLC
Project name	Quality Assurance	Sample by	SOHAR BUSINESS INDUSTRY LLC
Project location	Sohar, Oman	Sampling date	20/06/12
Project details	Not applicable	Sampling method	Not applicable
Customer	Not applicable	Issued by	SOHAR BUSINESS INDUSTRY LLC
Class of product	Not applicable	Issued for	18110*7
Sample description	Polycarbonate Water Tank	Issued by date	18/06/12
Inspected by	Not applicable	Issued for date	18/06/12

Parameter	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Specimen size (mm)	152	152	152	152	152
Specimen thickness (mm)	2.5	2.5	2.5	2.5	2.5
Specimen length (mm)	152	152	152	152	152
Specimen width (mm)	152	152	152	152	152
Specimen weight (g)	152	152	152	152	152

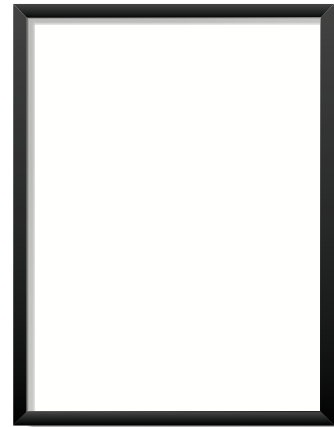
Remarks: None  
Test method reference: None  
ALNOTY certifies that the above test was carried out in accordance with ISO 18110\*7 - C.A.3 and with the written approval of ALNOTY Laboratories.

This report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

The report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

Head of Physical / Mechanical Department  
Laboratory Manager  
For Al Noty Stinger Laboratories

ISO 9001  
CERTIFIED



ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
SOHAR BUSINESS INDUSTRY LLC / OMAN POLYCON LLC  
TENSILE STRENGTH & ELONGATION OF PLASTICS  
ISO 18110\*7 - C.A.3

Report date: 20/06/12

Project number	233 2007/12	Manufacturer	SOHAR BUSINESS INDUSTRY LLC
Project name	Quality Assurance	Sample by	SOHAR BUSINESS INDUSTRY LLC
Project location	Sohar, Oman	Sampling date	20/06/12
Project details	Not applicable	Sampling method	Not applicable
Customer	Not applicable	Issued by	SOHAR BUSINESS INDUSTRY LLC
Class of product	Not applicable	Issued for	18110*7
Sample description	Polycarbonate Water Tank	Issued by date	18/06/12
Inspected by	Not applicable	Issued for date	18/06/12

Specimen ID	Width (mm)	Thickness (mm)	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation at Break (%)	
1	152	2.5	43.2	43.2	0.0	
2	152	2.5	43.2	43.2	0.0	
3	152	2.5	43.2	43.2	0.0	
4	152	2.5	43.2	43.2	0.0	
5	152	2.5	43.2	43.2	0.0	
Average						43.2

Remarks: None  
Test method reference: None  
ALNOTY certifies that the above test was carried out in accordance with ISO 18110\*7 - C.A.3 and with the written approval of ALNOTY Laboratories.

This report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

The report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

Head of Physical / Mechanical Department  
Laboratory Manager  
For Al Noty Stinger Laboratories

ISO 9001  
CERTIFIED

ALNOTY-STINGER LABORATORIES  
Independent Testing Laboratories  
and Materials Consultants

مختبرات النوتي-ستيঞ্জور  
مستشارون مستقلون  
مختبرات اختبارية  
ومستشارون

TEST REPORT  
SOHAR BUSINESS INDUSTRY LLC  
WATER VAPOR TRANSMISSION COEFFICIENT (WVTR) OF POLYESTER FILMS  
ISO 18110\*7 - C.A.3

Report date: 20/06/12

Project number	233 2007/12	Manufacturer	SOHAR BUSINESS INDUSTRY LLC
Project name	Quality Assurance	Sample by	SOHAR BUSINESS INDUSTRY LLC
Project location	Sohar, Oman	Sampling date	20/06/12
Project details	Not applicable	Sampling method	Not applicable
Customer	Not applicable	Issued by	SOHAR BUSINESS INDUSTRY LLC
Class of product	Not applicable	Issued for	18110*7
Sample description	Polycarbonate Water Tank	Issued by date	18/06/12
Inspected by	Not applicable	Issued for date	18/06/12

Parameter	Value	Unit	Remarks	
WVTR	0.05	g/m <sup>2</sup> /day		
WVTR	0.05	g/m <sup>2</sup> /day		
WVTR	0.05	g/m <sup>2</sup> /day		
WVTR	0.05	g/m <sup>2</sup> /day		
WVTR	0.05	g/m <sup>2</sup> /day		
Average				0.05

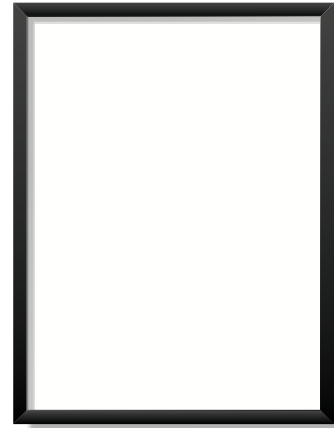
Remarks: None  
Test method reference: None  
ALNOTY certifies that the above test was carried out in accordance with ISO 18110\*7 - C.A.3 and with the written approval of ALNOTY Laboratories.

This report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

The report indicates that the sample tested and shall only be reproduced in full and with the written approval of ALNOTY Laboratories.

Head of Physical / Mechanical Department  
Laboratory Manager  
For Al Noty Stinger Laboratories

ISO 9001  
CERTIFIED



# CONTACTS

---

 [hila\\_ind\\_group](#)

 [alhilal.ind.group](#)

 [info@hilalgroup.com](mailto:info@hilalgroup.com)

 [www.hilalgroup.com](http://www.hilalgroup.com)

 [Al Hilal Industrial Group](#)

 [Al Hilal Industrial Group](#)

 PO BOX 2692, AL UDHAIBA PC 130  
MUSCAT, SULTANATE OF OMAN

 +968 800 82200  
+968 24 128 111