



LANDY Insulation-Save Your Energy Bill

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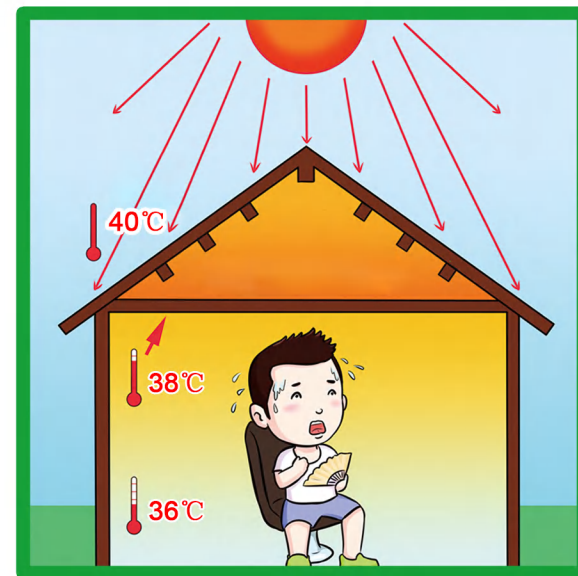
Company Profile

LANDY was founded in 2000. It is a group enterprise integrating R&D, production, sales and service, with a 16,000 m² headquarters in Guangzhou and a 46,000 m² production base in Yangjiang.

LANDY has two independent brands "LANDY" and "INSUL-PACK", and its products have passed CE, AWTA, ASTM, SGS, ROHS, REACH and other professional certifications, etc. We have been focusing on the field of thermal insulation materials and logistics and shipping packaging for more than 20 years. The product lineup includes aluminum foil bubble insulation materials, insulated bags, thermal pallet covers, attic covers, pallet wrap, cushioning packaging materials, and so on.

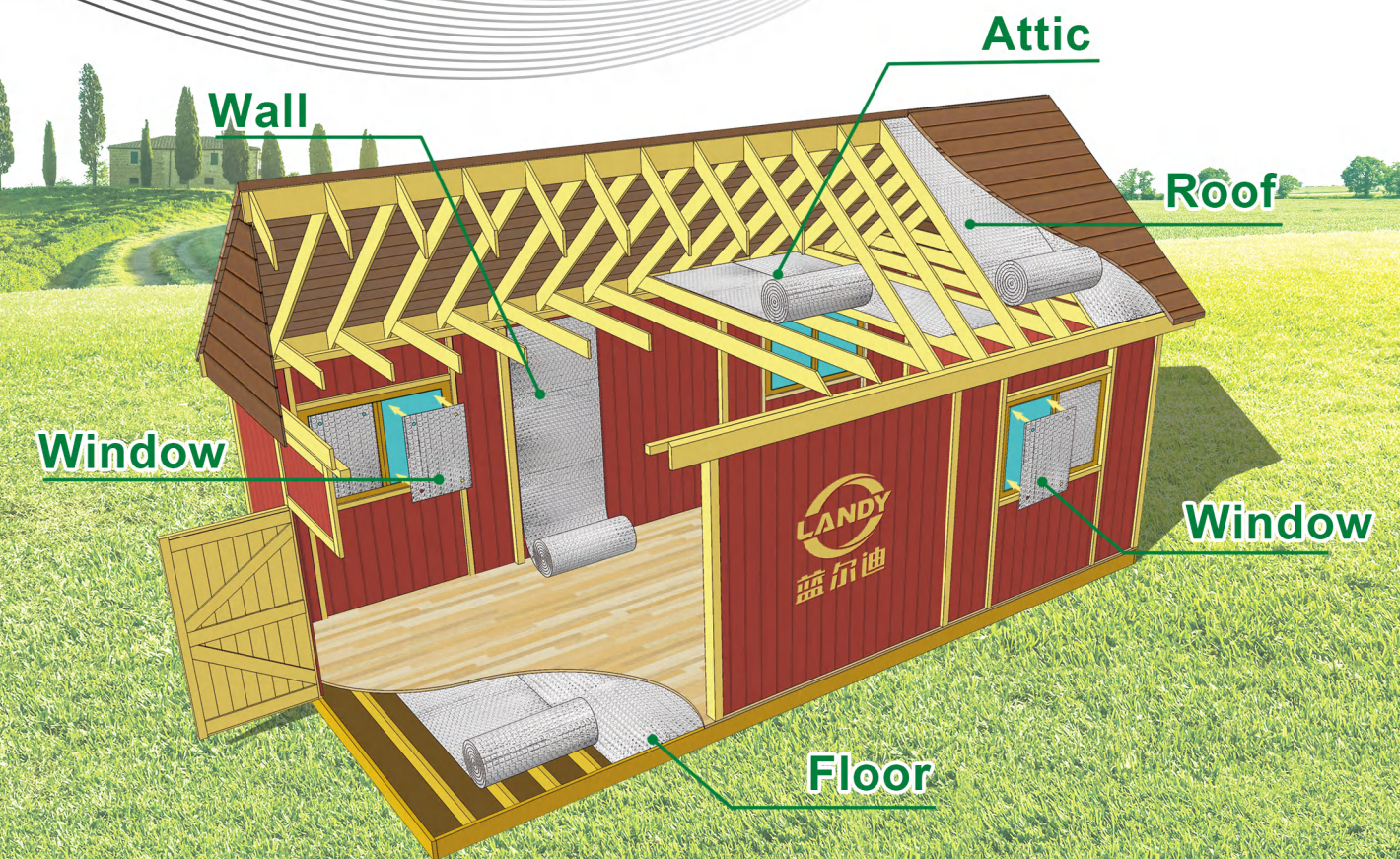
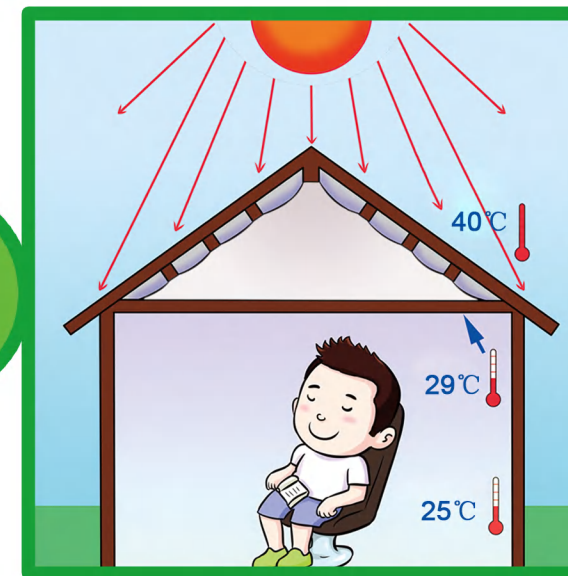
LANDY has obtained the High-Tech Enterprise, ISO9001 (2015) Quality Management certification, and has a standardized and perfect management system. LANDY emphasizes on scientific research and innovation, has dozens of technical research and development personnel, set up three cutting-edge laboratories, with independent research and development capabilities of products and more than 50 national patents.

Without using Insulation Materials

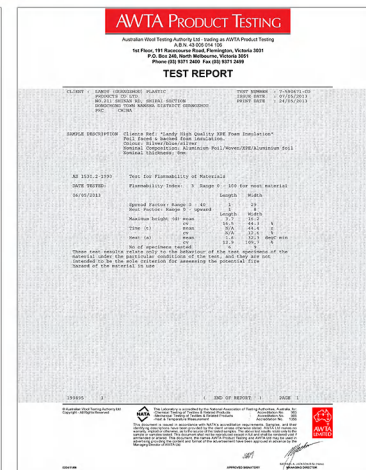


VS

With using Insulation Materials



Monitoring result for LANDY (YANGJIANG) INDUSTRIAL CO., LTD on site LANDY (YANGJIANG) INDUSTRIAL CO., LTD	
Monitoring	LANDY (YANGJIANG) INDUSTRIAL CO., LTD
Monitoring Item	150-00000-000
Site address	LANDY (YANGJIANG) INDUSTRIAL CO., LTD
Address	2000-00000-000
Monitoring Date	2023-06-29
Monitoring Result	2023-06-29
Overall rating	A
Section rating	A
PH 1: Basic Management System	A
PH 2: Human Resource Management	A
PH 3: The Rights of Association and Collective Bargaining	A
PH 4: The Environment	A
PH 5: Labor Management	A
PH 6: Occupational Health and Safety	A
PH 7: The Labor Union	A



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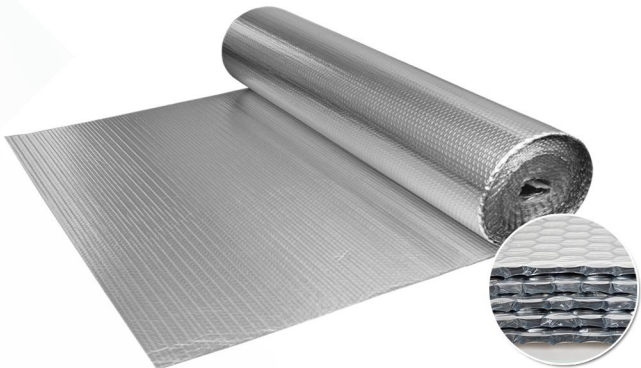
www.landy360.com
www.landyinsulpack.com

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Yangjiang Add: No.13,Building B, yinling Technology Industrial Park, Yangjiang City, Guangdong, China.

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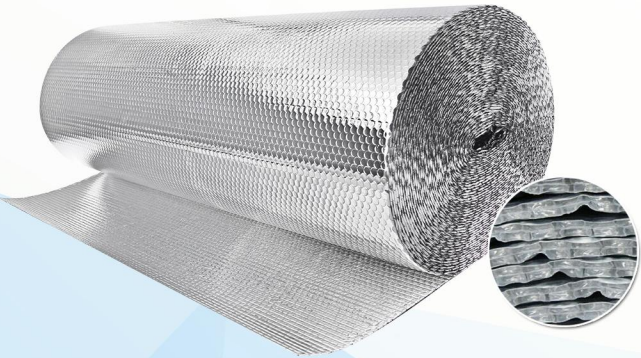
1.AB₃A230-DAL200



Parameter Table:

Product Information		
Product Name	Single Bubble Insulation	
Material Structure	Alu/Metallic+Bubble+Alu/Metallic	
Bubble Size	Φ10mm,H3mm	
Roll Size	1.2*40m	
GSM	200g/m ² (Customized)	
Test Items (standard)	MPET	Aluminum
Thermal Resistance(ASTM-C518-21)	-	0.092 m ² ·K/W
Thermal Conductivity(ASTM-C518-21)	0.028 W/m·k	0.036 W/m·k
Reflectivity	97%	95%
REACH(1907/2006)	PASS: 241 SVHC ≤0.1	
Performance Temperture	-40-80℃	-40-100℃
Breakage Strength(GB/T 1539-2007)	834 Kpa	1022 Kpa

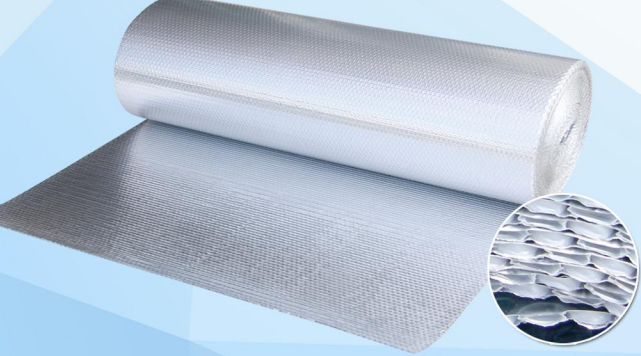
2.A2B₃A340-DAL300



Parameter Table:

Product Information		
Product Name	Double Bubble Insulation	
Material Structure	Alu/Metallic+Bubble+Bubble+Alu/Metallic	
Bubble Size	Φ10mm,H6mm	
Roll Size	1.2*30m (Customized)	
GSM	260g/m ² (Customized)	
Test Items (standard)	Metalic	Aluminum
Thermal Resistance(ASTM-C518-21)	0.161 m ² ·K/W	-
Thermal Conductivity(ASTM-C518-21)	0.037 W/m·k	0.037 W/m·k
REACH(1907/2006)	PASS: 241 SVHC ≤0.1	
Performance Temperture	-40-80℃	-40-100℃
Tensile Strength(JC/T 2494-2018)	Horizontal: 264 N/50mm Longitudinal: 290 N/50mm	Transverse: 370 N/50mm Longitudinal: 373 N/50mm

3.AF₃BA360



Parameter Table:

Product Information		
Product Name	Fireproof Aluminum Bubble Insulation	
Material Structure	Alu+Fireproof Bubble+Alu	
Thickness	φ10mm, H3mm	
Roll Size	1.2*40m	
GSM	360g/m ² (Customized)	
Test Items (standard)	Parameter	Standard Range
AWTA Flammability Index(AS 1530.2)	1	0 - 100
Burning Rate(GB/T 20284-2006)	139	≤250 W/s
Smoke Generation Rate(GB/T 20284-2006)	78	≤180 m ³ /S ²
Smoke Toxicity(GB/T 20285-2006)	ZA3	Quasi-safe (ZA)
Tensile Strength(GB/T 1040.3-2006)	33.5%	>27% Flame retardant
Fire Rating	B1 Flame Retardant	

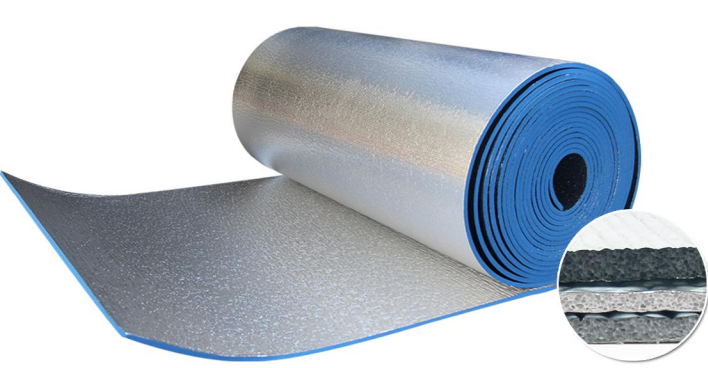
4.AB₃A230-BJAL230



Parameter Table:

Product Information		
Product Name	Aluminum Bubble Insulation Adhesive	
Material Structure	Alu/Metallic+Bubble+Adhesive	
Thickness	H3mm (Customized)	
Roll Size	1.2*40m (Customized)	
GSM	230g/m ² (Customized)	
Test Items (standard)	MPET	Aluminum
Thermal Resistance(ASTM-C518-21)	-	0.092 m ² ·K/W
Thermal Conductivity(ASTM-C518-21)	0.028 W/m·k	0.036 W/m·k
Reflectivity	95%	97%
REACH (1907/2006)	PASS: 241 SVHC ≤0.1	
Performance Temperture	-40-80℃	-40-100℃

5.AX₅A265



Parameter Table:

Product Information		
Product Name	Aluminum XPE Foam Insulation	
Material Structure	Alu+XPE Foam+Alu	
Thickness	3/5/6/10mm (Customized)	
Roll Size	1.2*30m (Customized)	
GSM	265g/m ² (Customized)	
Test Items (standard)	Thickness 5mm	Thickness(+Woven) 8mm
Thermal Resistance(ASTM-C518-21 AS/NZS 4201.5)	0.13 m ² ·K/W	0.22 m ² ·K/W
Thermal Conductivity(ASTM-C518-21 AS/NZS 4201.5)	0.04 W/m·k	0.04 W/m·k
Tearing Resistance(T470am-00D)	-	Longitudinal 541N horizontal 432N
Sound Absorption Coefficient	5.4%(1000HZ)	
Fire Rating	A Flame Retardant	
AWTA Flammability Index (AS 1530.2)	3 (Leval 0-100)	

6.ME₅M140



Parameter Table:

Product Information		
Product Name	Metallic EPE Foam Insulation	
Material Structure	Metallic+EPE Foam+Metallic	
Thickness	3/5/10/15mm (Customized)	
Roll Size	1.2*30m (Customized)	
GSM	140g/m ² (Customized)	
Test Items (standard)	Thickness 15mm	Thickness 20mm
Thermal Resistance (ASTM-C518-21 AS/NZS 4201.5)	0.44 m ² ·K/W	0.49 m ² ·K/W
Thermal Conductivity (ASTM-C518-21 AS/NZS 4201.5)	0.38 W/m·k	0.38 W/m·k
ROHS(> 2011/65/EU)	PASS: No 30 harmful substances	

7.AWA135



Parameter Table:

Product Information		
Product Name	Aluminum Woven Insulation	
Material Structure	Alu/Metallic+Woven+Alu/Metallic	
Roll Size	1.23*400m (Customized)	
GSM	120g/m ² , 140g/m ² (Customized)	
Test Items (standard)	Parameter	Unit
Tensile Strength	Vertical 650 Horizontal 520	N/50mm
Water Vapour Permeability(ASTM E96)	<0.02	g/(m ² ·h)
Bursting Strength(ISO 2759-2014)	1366	kPa
Reflectivity	96%	
REACH (1907/2006)	PASS: 241 SVHC ≤0.1	

8.Thermal Insulation Sheet



Parameter Table:

Product Information	
Product Name	Custom Thermal Insulation Sheet
Material Structure	All materials mentioned above
Thermal Conductivity	0.035W/ (m.k)
GSM	200g/m ² , 230g/m ²
Performance Temperture	-40℃~100℃
Sheet Size	Custom Size
Installation Method	Self-adhesive/Velcro

9.Pallet Cover



Parameter Table:

Product Information	
Product Name	Thermal Pallet Cover
Material Structure	Alu/Metallic+Bubble/Woven+Alu/Metallic
GSM	135g/m ² , 200g/m ² , 230g/m ²
Thickness	3/6mm (Customized)
Product Size	PALLET SIZE/CUSTOMISED
Opening Method	Zipper and Velcro
Bottom Options	5-side/6-side (with or without bottom)

10.INSUL-CTN 3 Container Liner



Parameter Table:

Product Information	
Product Name	INSUL-CTN 3 Container Liner
Material Structure	Alu+Woven+Alu
Total Weight Per Piece	20GP 14±5 Kg/pc; 40HQ 25± 5kg /pc; 45HQ 27± 5kg /pc
Size	20GP/40HQ/45HQ/CUSTOMISED
Type	6 sides with bottom / 5 sides no bottom
Installation Method	Hang,Installation in about 20 minutes by 2 workers
Recommendations for Use	Pallet Insulated Cover + Container Liner Bag for better heat insulation

11.Thermal Attic Cover



Parameter Table:

Product Information	
Product Name	Thermal Attic Cover
Material Structure	Alu+Bubble/EPE+Alu
GSM	230g/m ²
Thickness	3/6mm
Product Size	25"x54"x11"
Opening Method	Two-way zipper
Packing	PE Bag/Cartoon

12.Box Liner/Thermal Bag



Parameter Table:

Product Information	
Product Name	Box Liner/Thermal Bag
Cooler Keeping Time	4-72 hrs
Material Structure	Alu/Metallic+Bubble/Double Bubble/EPE Foam+PE Film
Thickness	2/3/6mm
Size	25.5*25.5*25.5cm (Customized)
Packaging	PE Bag/Woven Bag
Opening Methods	Tape, Lock, Zipper, etc.
Usage:	Packaging perishable and frozen products.