

Technical Specification for EPE Foam Packaging

Company	KMN-PE FOAM CO.,LTD
Product name	EPE Foam Packaging
Colour	Standard White
Issued Data	010418

No.	คุณสมบัติ / Properties	ค่า / Values	Test Method
1	ความหนาแน่น / Density	36.22 kg/m3	JISK 6767 : 1999
2	การดูดซึมน้ำ / Water absorption	0.0245 kg/cm2	JISK 6767 : 1999
3	ความต้านทานแรงดึง / Tensile strength - แนวขวาง - แนวยาว	2.90 kgf/cm2 4.70 kgf/cm2	JISK 6767 : 1999 JISK 6767 : 1999
4	ความยืดที่จุดขาด / Elongation at break - แนวขวาง - แนวยาว	74.63 % 92.00 %	JISK 6767 : 1999 JISK 6767 : 1999
5	ความต้านทานการฉีกขาด / Tear resistance - แนวขวาง - แนวยาว	1.55 kgf/cm2 0.15 kgf/cm2	JISK 6767 : 1999 JISK 6767 : 1999
6	ความต้านทานแรงกด / Compressive strength (at 10 %)	0.14 kgf/cm2	JISK 6767 : 1999

Reference

TEST REPORT

Sample's name: EPE Foam

Mark / Brand: Laboratory No. LA0704213.1

Test Results

Density, kg/m ³	36.22
Water absorption, kg/cm ²	0.0245
Tensile strength, kgf/cm ²	
- crosswise	2.90
- longitudinal	4.70
Elongation at break, %	
- crosswise	74.63
- longitudinal	92.00
Tear resistance, kgf/cm	
- crosswise	1.55
- longitudinal	0.15
Compressive strength at 10 %, kgf/cm ²	0.14

Customer's name: KMN PE Foam Co., Ltd.

Customer's address: 32/25 Moo 7, T. Pong A, Banglamung, Chonburi 20150

Sample's description: EPE Foam (white), size 300x300x10 mm and size 120x120x20

Swath's length x thickness, (12 piece)

Test date: 4-20 September 2017

Test method: JIS K 6767 : 1999

Approved by: (Signature) Reported by: (Signature)

(Lab. Asst. / Practitioner) (Lab. Asst. / Practitioner)

Scientist, Senior Professional Level Scientist, Practitioner Level

This report is only valid for the sample received. The above statement is not intended for advertising purposes and shall not be reproduced or distributed without written permission of the Department of Business Service.

Intertek

TEST REPORT

Applicant: KMN PE-FOAM CO., LTD. 32/25 MOO 7, T. PONG A, BANGLAMUNG, CHONBURI 20150

Date: May 10, 2017

Sample Submission

Quantity of sample: One (1) piece

Mark: None

Date sample retained: May 09, 2017

Testing method: May 09, 2017 to May 12, 2017

Client Information

Item Name: EPE FOAM

Test conducted:

As requested by the applicant, for details please refer to attached page(s)

Type of test: Mechanical analysis

Authorized by: (Signature) Lab. Asst. / Practitioner

Lab. Asst. / Practitioner

Intertek Testing Services (Thailand) Ltd.

100/100 Pong A Road, Moo 7, Banglamung, Chonburi 20150 Thailand

Phone: 033 046 247-48 Fax: 033 046 247-49

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Intertek

TEST REPORT

Test conducted:

(A) Test result summary

Test Item	Result	LOD	LOQ
Lead (Pb) Content (mg/kg)	ND	1	10
Cadmium (Cd) Content (mg/kg)	ND	1	10
Mercury (Hg) Content (mg/kg)	ND	1	10
Chromium VI (Cr VI) Content (mg/kg)	ND	1	10
Polychlorinated Biphenyls (PCB) (mg/kg)	ND	1	10
Polycyclic Aromatic Hydrocarbons (PAH) (mg/kg)	ND	1	10
Organochlorine Pesticides (mg/kg)	ND	1	10
Organophosphorus Pesticides (mg/kg)	ND	1	10
Organotin Compounds (mg/kg)	ND	1	10
Organic Solvents (mg/kg)	ND	1	10
Sum of Polychlorinated Biphenyls (PCB) (mg/kg)	ND	1	10
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