



ABOUT US

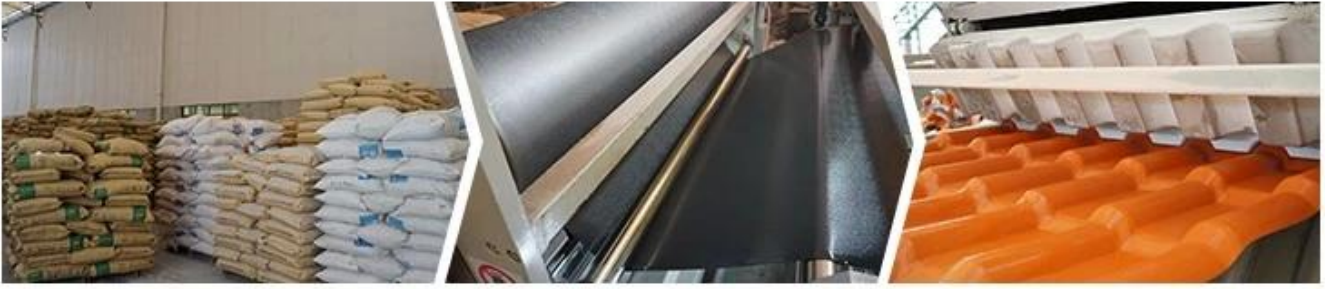


QUALITY, INNOVATION, STRUGGLE, WIN-WIN

we have 8 production lines, about 100 employees, covering an area of 15,000 square meters.



PRODUCTION PROCESS



① Raw Materials

② Extrusion

③ Compression Molding



④ Cutting

⑤ Finished Product

⑥ Inspection

CERTIFICATE



Form No. QH-C0014-A (Rev 01)		Page	
Product Name: Model and Dimension Trademark/Grade	ATA asphalt roof tile	Production Date, Production Batch	
Client	Foshan Zhongxing/Tong Tien Metallic Industry Co., Ltd.	Sample Number	
Client Address	Foshan Industrial Zone, Daozuo Street, Nanchang District, Foshan City, Guangdong China	Test Category	External
Manufacturer (As for Applicant Client)		Sample Quantity	10
Manufacturer Address (As for Applicant Client)		Method of Sample Preparation	As received
Sample Character and ID	Normal	Date of Sample Receipt	2017-12-13
Test Results	According to the requirement of the applicant		
Conclusion	Test Results refers to Page 2.		
Remarks	1. This report is responsible for samples with 2. The requirement of the applicant: GB/T 29620-2013 Synthetic		
Approved:	王其亮	Checked:	李伟强

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No.	Item	Unit	Requirement	Result	Status
1	Appearance	---	The surface should be smooth with uniform coloration and no visible cracks, holes, scratch, staining, oxidation, graining, etc.	Confirmed	Pass
2	Surface layer thickness	mm	10.10	0.10	Pass
3	Impact strength	J/m ²	≥20	20	Pass
4	Stability under a load	%	≥30	40	Pass
5	Flexural strength	N/m ²	≥90	63	Pass
6	Flexural elastic modulus	N/m ²	≥3000	3026	Pass
7	Water absorption	g/m ²	≤1.00	0.94	Pass
8	Water sorption temperature (T ₅₀)	°C	≥10	40	Pass
9	Drop hammer impact (20°C, 1.5m)	J/m ²	No penetration (mark) or break after impact test	Confirmed	Pass
10	Drop hammer impact (20°C, 2m)	J/m ²	Penetration mark: 0	0	Pass
11	Heat after heating (150°C, 30min)	---	No delamination, cracking, warping, delamination between the surface layer and the substrate	Confirmed	Pass
12	Freeze-thaw resistance (15°C/30 min)	---	No cracks, delamination, bubbling, peeling on the surface	Confirmed	Pass
13	Shrinkage resistance	---	No cracks or expansion between the surface layer and the substrate	Confirmed	Pass
14	Load performance	N	≥1000	1100	Pass
15	Transverse flexure impact strength	J/m ²	≥30	76	Pass
16	Dimensional change on heating	%	≤12.0	6.0	Pass