

No.	Production Processes		LNAOPU WPC				OTHERS BRANDS		
		PE	1	Features	Easy to control quality, good stability, and high strength, good grip nail strength, long service life.		Features	Good toughness, but the deformation rate is large, dificlult to control the quality , the stability is not good, and the strength is low, lower nail- holding force , service life is short.	
			· ster	Price	6150Rmb/ton		Price	4500Rmb/ton	
			HDPE	ratio	28%	LDPE	ratio	25%	
1	Raw Materials	Wood Powder	miscellaneous wood powder and poplar	Features	Strong stability and no mildew	Bamboo Powder and Straw Powder	Features	easy to produce mildew, affects the appearance and color of the product, resulting in a reduction in the product grade	
			powder	Price	1200Rmb/ton	and the second	Price	900Rmb/ton	
			1478 日本学	ratio	57%	State of States	ratio	59%	
		Lubricant	Lubricant	Features	Improve the appearance quality and even the inner quality of products	Lubricant	Features	the price of precipitated type is low,when the decking is made, there will be white mist on the decking. Over time the decking will turn whitish	
				Price	950Rmb/ton		Price	890Rmb/ton	
				ratio	15%		ratio	16%	
2	Mixing and granulation			Well mixed, good mutual solubility			The mixing effect is relatively poor		
3	injection molding			The abrasives are meticulous, the products are fine, smooth, thick and durable			Abrasive tool with double groove, rough, large hole, thin wall, and uneven product surface		
4	Traction/cutting			Machine traction cutting, Accurate cutting size			Manual cutting, large error		
5	Polishing			Double-sided sanding machine, efficient			Single-sided sanding, time-consuming and inefficient		
6	Inspection			Precision equipment testing, accurate inspection			Visual inspection, easy to miss		
7	Packing			Export packing, carton packing+pallet			O	rdinary winding film+braided tape fixation	
8	Ready to ship		-	vanning neat and tidy				Poor packaging, easy to damage	

LNAOPU WPC Comparison with other brands

LNAOPU WPC Experiment Result

No.	Experiment Item	LNAOPU WPC Experiment Result	Industry standards	Screenshot of the Experiment process
1	Combustion Experiment	self-extinguishing from the fire, to achieve Bl fire rating.	Bl	
2	Wood Powder ASH Experiment	less inorganic substances and less impurities. The result is 2.4%. The eligibility criteria is less than 6%.	≪6%	
3	Compressing Experiment	In the experiment, the sample was a domestic product six-hole double- slot decking, The result is 4089 N	3400N	
4	Boiling Experiment	95 $ {}^{\rm C}$ high temperature boiling water, boiling for three days and three nights, no cracks, no hollows.	intact and not deformed	
5	PE Lipolysis Experiment (LDPE Vs HDPE)	The experimental temperature is 190 ° C. Test the liquidity of PE.Cut the sample once at 60 s, for a total of 10 times. Results: HDPE MER= (60040,084) /60-0.84 g/10 min LDPE MER= (60040,063) /60-0.63 g/10 min	0.8~1.2	