# Awesome carbon fibre helmets australia AU-BG01

#### The description of carbon fiber helmet review:

- Super lightest : only 260g, well-ventilated, with very cooling air tunnel and reasonable aero shape design.
- Three-dimensional duct design: This design is very aerodynamic drag coefficient is small , in the process of riding , people wear more cool.
- In-mold technology, when the helmet by the impact , the entire helmet uniform force.
- The high quality eco-friendly high temperature resistant PC shell & carbon fiber.
- The high density black EPS material is imported from American,

- The bicycle accessories: adjustable chin strap with quick-release buckle; rear lock adjustment; cool comfortable pads;

- Certification: CE-EN1078 certified for impact protection.

#### The specification of carbon fibre helmets australia:

Model No.	AU-BG01				
Material	EPS foam & PC + carbon fiber shell double in-mold technology				
Certification	CE EN1078				
Vents	26 air vents				
Color	Pantone, customized				
size/head circumference	M/L (58-62CM)				
Weight	260g				
Sample Time	3 days				
MOQ	200pcs				
Package details	PP bag+individual color box packing+master carton				

#### The detail pictures of carbon fiber dot helmets







#### The Customized accessories:

So far, we have been manufacturing & exporting different kinds of helmets for more than 24 years. You can purchase latest design quality helmets here as well as personalize your own designs since we can provide a strong R&D support.We provide different option for custom service that you can select the different helmet color, different strap color,LOGO custom service ,inner pad design, divider color, different strap buckle color, and we can provide different head adjuster even different color for visor.

	PLA2001	PLA2135	PLA2008	PLA2057	PLA2191	
			<b>WHW</b> encommunity			

#### The head circumference knowledge of safest bicycle helmet:

#### **European Headform:**

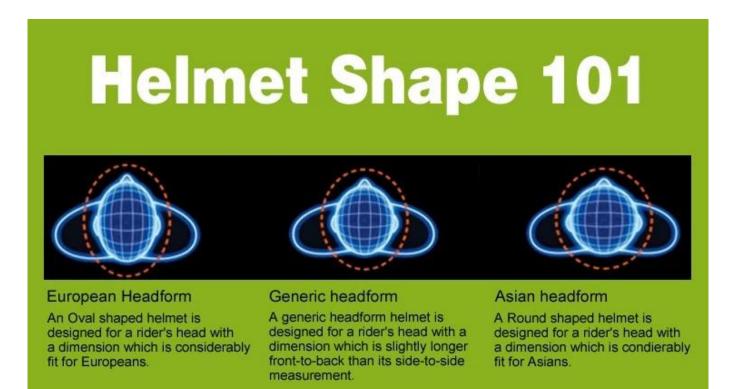
An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

#### **Generic headform:**

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-toback than its side-to-side measurement.

#### Asian headform:

A Round shaped helmet is designed for a rider's head with a dimension which is condierably fit for Asians.



#### **Our Test lab:**

In order to manufacture quality helmets, we learn not only from the design theory, but also make progress from testing result! That's why our factory equipped with professional testing lab to ensure every design is practical & amenable! Our testing standard is more strict than the related certificate requirements, that's why we can promise the model that we provide can definitely pass the corresponding test by third-party!

# **Our In-house Testing Lab**



#### **Certification:**

Below is our certificate :we have ISO9001 ,letters patent ,CE documents ,and we have our own lab to make sure every our product can meet the testing requirements





## Our factory's profile:

Aurora Sports is a helmet manufacturer, with more than 15 years experience in producing all types of helmets. In-house design and R&D teams with established experience, allows Aurora Sports to quickly answer to demanding requirements and create from scratch whole programs and collections with rigorous quality standards.

#### **CUSTOMIZE FOR BRAND**

Logo style: Dome, Metal, UV-Dart sticker, Water decal..





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#### The helmet production procedure is as below:

silk screen  $\rightarrow$  PC blister tooling  $\rightarrow$  PC blister manufacture  $\rightarrow$  Trimming dug hole  $\rightarrow$  EPS raw material by different density  $\rightarrow$  EPS in-mold tooling  $\rightarrow$  helmet in-mold workshop  $\rightarrow$  in-mold machines  $\rightarrow$  in-mold tooling  $\rightarrow$  in-mold producing process  $\rightarrow$  semi-finished in-mold helmet  $\rightarrow$  IQC inspection  $\rightarrow$  helmet grinding  $\rightarrow$  inner padding production  $\rightarrow$  plastic injection workshop  $\rightarrow$  assembly line  $\rightarrow$ inside labeling  $\rightarrow$  packing  $\rightarrow$  warehouse  $\rightarrow$  installed counters.

#### **Production Procedure**



Silk screen



EPS in-mold tooling



semi-finished In-mold helmet









Helmet grinding





Trmming dug hole



In-mold tooling



Eps raw material by different density



In-mold producing process



Plastic injection workshop



Installed counters

#### Assembly line

Inside labeling

IQC inspection

Packing

Warehourse



1. Carbon Fiber Helmet made by Extrusion blow molding process









Inner padding production





# Carbon fiber helmet mold in vacuum forming



AURORN

2.Autoclave Processing(Vacuum bagged)

## Autoclave Processing (Vacuum bagged)



#### **Raw Material Show:**







UD Tow 12k Tow

3k Tow





# 1k Tow

Spread Tow

#### The delivery express:

International express, air freight & sea transportation are all can be well arranged here! You can pick every possible transportation that you want & we will do our best to assist you! We have already built a long-term relationship with different shipping companies & shipping agent, all our efforts aim at providing you the best shipping experience! Choose us, it will be easy to keep the helmets safe all the time!

## SHIPPING

