

# CE EN12492

## 10

- 1. 10
  - 2. PU
  - 3.
  - 4. EPS + PP
  - 6.
  - 7. CE-CPSC-ASTM-AS / NZS-TUV-EN397
- CE EN12492

## 1

- 1. PC
- 2. EPS
- PA 3
- 4.
- 5. This BTS suitbale /

## 1



Black color



White



Navy blue pantone 7689 C



Pink pantone 806



Red pantone 185 C



Lime green pantone 375 C



Yellow pantone 3965 U



Orange pantone 165 C



Grey pantone 432 C

## Areas of application climbing helmets



Rock climbing



Outdoor adventure



Sea rescue



Big wall climbing



Civil defence



AU-M01



AU-M02



Rescue and evacuation



Caving

Also suitable for children...

**Two styles, various colors**



Tree care

# Helmet accessories available

aurora helmet with plastic visor  
The set is compatible with our special visor and earmuff.

- AU-M02 white  
Red  
Yellow  
Orange  
Blue  
Green  
black
- Visor plastic with eye protection  
earmuff good sound insulation



aurora helmet with LED light.

- AU-M02 white  
Red  
Yellow  
Orange  
Blue  
Green  
black
- Led light headlamp led light



aurora helmet with ear protection and mesh faceshield

- AU-M02 white  
Red  
Yellow  
Orange  
Blue  
Green  
black
- earmuff good sound insulation  
faceshield iron mesh



Icon	Feature	Icon
1. Icon	Icon	<a href="#">Icon</a>
2. Icon	AU-M02	
3. Icon	ABS + EPS Icon	Icon + EPS Icon + EPS + PC Icon + EPS + PC
4. Certificate	EN 397	
5. Icon	Icon	Icon
6. Size	M 51-62CM	Icon
7. Logo	Icon Icon	
8. MOQ	500	300 PCS
9. Carton	73 * 58 * 35CM	
10. Packing	Icon	10 Icon CTN
11. Icon	FOB	
12. Shipping Method	Icon Icon	Icon
13. Payment	Icon / Icon Icon / C	
14. Sample	4-7	Icon



Figure 15.1

Introduction

The production of a custom helmet involves several stages, from design to manufacturing. This process is highly detailed and requires precision in every step. The initial design phase is crucial for ensuring the helmet's safety and performance. The manufacturing process then follows, involving the creation of molds and the assembly of individual components. Finally, the helmet is tested to ensure it meets all necessary standards before being ready for use.

Design

The design stage is the first step in the production process. It involves creating a 3D model of the helmet, which is then used to generate the manufacturing data. This stage is critical for determining the helmet's shape, size, and the placement of various features like ventilation ports and mounting points. The design must also consider the material properties and the manufacturing process to ensure the final product is both safe and functional.

Manufacturing

The manufacturing process involves the production of individual components and their assembly. This stage is highly automated, with the use of injection molding for the shell and other parts. The components are then finished and assembled into the final helmet. Quality control is an integral part of this process, ensuring that every helmet produced meets the required standards.

Testing

Testing is a crucial step in the production process, ensuring that the helmet meets all necessary safety and performance standards. This involves a series of tests, including impact tests, penetration tests, and tests for ventilation and weight. The results of these tests are used to refine the design and manufacturing process, ensuring the final product is of the highest quality.

Conclusion

The production of a custom helmet is a complex process that requires a high level of precision and attention to detail. From design to testing, every step is critical to ensuring the final product is safe, functional, and meets the needs of the user.

# CERTIFICATE



# SHIPPING

