Intelligent fabrics protect and improve athletes’ performance
智能織物保護及提升運動員表現

Researchers at PolyU’s Institute of Textiles and Clothing have developed high-performance sportswear and fabrics to enhance the performance of sportspersons and dissipate impact force during sporting activities.

PolyU’s Institute of Textiles and Clothing has been at the forefront of research in the development of high-performance fabrics and sportswear. Working closely with athletes and coaches, the institute aims to design and produce sportswear that not only enhances performance but also protects athletes from the physical demands of their sport.

One of the latest developments is the use of智能織物保護及提升運動員表現

Researchers at PolyU’s Institute of Textiles and Clothing have developed high-performance sportswear and fabrics to enhance the performance of sportspersons and dissipate impact force during sporting activities.

PolyU’s Institute of Textiles and Clothing has been at the forefront of research in the development of high-performance fabrics and sportswear. Working closely with athletes and coaches, the institute aims to design and produce sportswear that not only enhances performance but also protects athletes from the physical demands of their sport.

One of the latest developments is the use of smart fabrics that can monitor and adjust to the athlete’s needs in real-time. These fabrics are made from materials that can detect changes in temperature, humidity, and movement, allowing them to adjust the athlete’s comfort levels accordingly.

Another innovation is the use of intelligent impact protectors. These protectors are designed to absorb and disperse the force of impact, reducing the risk of injury. They are made from materials that can adjust to the athlete’s movements, providing protection without restricting their range of motion.

These developments are just the beginning, and the institute continues to work on new and innovative solutions to improve the performance and safety of athletes. The goal is to provide athletes with the best possible tools to achieve their full potential, whether it’s in the classroom or on the playing field.

謝謝！