



**Kevlar.**

## **DUPONT™ KEVLAR® PREPREG HPA: RELIABLE PROTECTION WITH MANUFACTURING BENEFITS**

### **Efficient ballistic protection from DuPont™ Kevlar® Prepreg HPA**

The logistical task of providing forces with the right protection equipment is a challenge that requires a prompt, flexible, effective response. Combining the ballistic properties of DuPont™ Kevlar® aramid fibre with phenolic resin, Kevlar® Prepreg HPA is a high performance material for helmet and vehicle armour applications, offering ballistic protection in the toughest of environments. With additional manufacturing benefits such as minimal wastage and enhanced productivity, Kevlar® HPA is a very efficient and cost-effective solution and the material of choice, particularly where fire and flame resistance are important.

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### WHY CHOOSE DUPONT™ KEVLAR® PREPREG HPA?

- Excellent ballistic performance for protection against projectiles and fragments
- Incorporates Kevlar® high tenacity K129 fibres for lightweight ballistic solutions
- Outstanding FST performances
- Proven durability in-service
- Available in rolls up to 160cm width, minimizing scrap and reducing overall manufacturing costs
- Faster curing due to high reactivity of material enables increased helmet or armour production rate
- Low consolidation pressures and no mold thermal cycling required
- High rate of productivity brings cost benefits, particularly for large tenders
- Easy to manufacture, convenient, cost-effective solution

### THE DUPONT SCIENCE BEHIND DUPONT™ KEVLAR® PREPREG HPA

Developed by DuPont, a science company creating sustainable solutions, DuPont™ Kevlar® Prepreg HPA combines high-tenacity Kevlar® K129 fibres with PVB phenolic resin, giving the material its strength and flexibility.

### TRIED AND TRUSTED SOLUTION

DuPont™ Kevlar® Prepreg HPA is one of a wide range of life protection products based on DuPont™ Kevlar® aramid fibre.

First developed by scientists from DuPont in 1965 using groundbreaking liquid crystalline polymer research, DuPont™ Kevlar® brand fibre is five times stronger than steel, yet lightweight and flexible. Continuously improved through innovation over four decades, it is trusted for military and police applications such as body armour, protective vests, helmets and vehicle armour, and has helped save thousands of people from death or serious injury.

### TO FIND OUT MORE ABOUT DUPONT™ KEVLAR® PREPREG HPA, PLEASE CONTACT YOUR LOCAL DUPONT REPRESENTATIVE.

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