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reinventing
lightweight
protection

FOR MORE INFORMATION, VISIT



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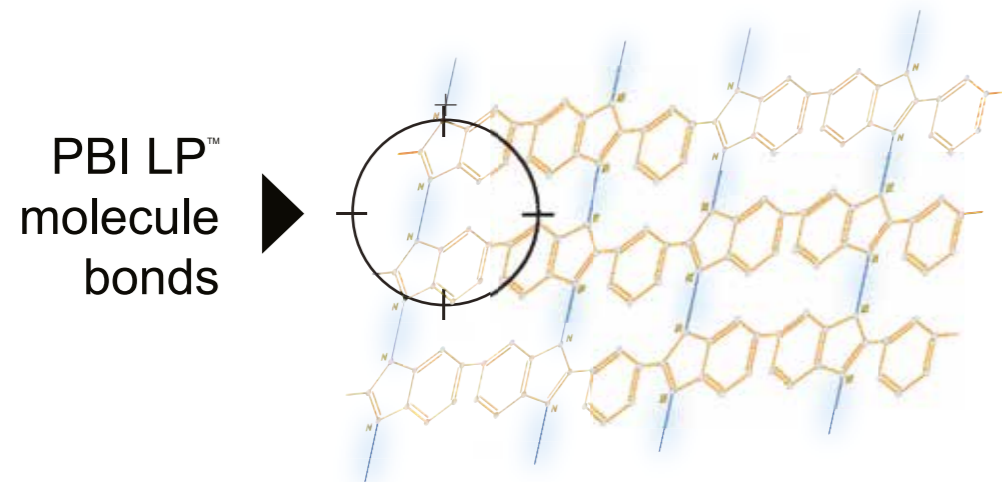


WHAT IS PBI LP™?

PBI LP™ is a revolutionary new PBI fiber that maximizes flame and break-open protection in lighter weight outer shells.

HOW IS THAT POSSIBLE?

We were able to achieve this by strengthening the bonds between the PBI polymer chains, which allows us to make much lighter outer shells, while increasing flame resistance and break-open protection.



WHY CHOOSE PBI LP™?

- High break-open and flame protection
- Reduced risk of heat stress
- Greater freedom of movement
- More flexibility

NO
COMPROMISE
WITH
PBI LP™ ...

All outer shells made with PBI LP™ fiber offer high resistance to rips and tears along with the flame and break-open protection of traditional heavier outer shells.

A NEW PBI FIBER ENGINEERED SPECIFICALLY FOR LIGHT-WEIGHT FABRIC TECHNOLOGIES

maximized
protection in
light-weight
fabrics

+90°C OF
BREAK-OPEN

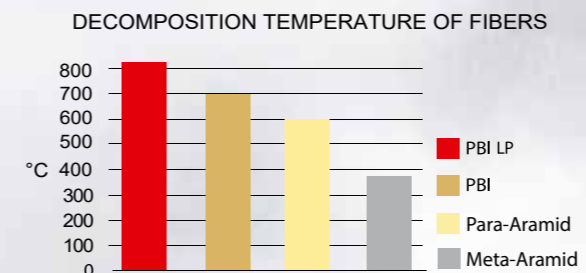
The decomposition temperature of PBI LP fiber is **~815 °C**, making PBI LP™ outer shells **the most protective fabrics available.**

40+ SECONDS
OF BREAK-OPEN

The **Dynamic Flame Test** is used to demonstrate the time it takes for an outer shell fabric to break down. PBI LP™ lasts **over 40 seconds** while any meta/para aramid blend lasts only **3-4 seconds.**

30% MORE
FLAME RESISTANCE

Outer shells made with PBI LP™ offer **30% more flame resistance** than traditional PBI fabrics.



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