



R*CONCEPT
RESPECTFUL BIOCOMPOSITE SOLUTIONS

POLAR BEAR

**Biobased
Compression Molding
Epoxy System**



Polar bears are classified as marine mammals because they spend most of their lives on the sea ice of the Arctic Ocean. They have a thick layer of body fat and a water-repellant coat that insulates them from the cold air and water. Considered talented swimmers, they can sustain a pace of six miles per hour by paddling with their front paws and holding their hind legs flat like a rudder. Polar bears spend over 50% of their time hunting for food. Their diet mainly consists of ringed and bearded seals because they need large amounts of fat to survive. Because of ongoing and potential loss of their sea ice habitat resulting from climate change, polar bears were listed as a threatened species.



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POLAR BEAR

Biobased epoxy system designed specifically for the compression molding processes of composite parts.

Applications

The compression molding Polar Bear Biobased Epoxy System is designed for heat curing applications. Skis and snowboard manufacturing.



Key features

Fast heat activated cures for high throughput compression molding processes.

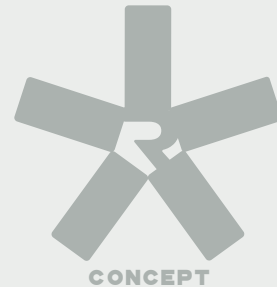
 **15minutes @85C**
Recommended Cure Cycle

Pot life **25 minutes @25C**

Mix ratio **100:46**

Biocontent **>19%**

*pending mechanical properties characterization



Technologies
bonded by **respect**
& driven by **values**



Lower your **carbon footprint**.



Repair solutions, tips, services and kits.



End-of-life solutions for the composite industry.



Upcycling materials for new performing composites.



Respect for all stakeholders in the **composites industry**, the environment, humans & the planet as a whole.

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