

## TECHNICAL TUESDAYS

TOPIC: Corn Fibre & its Benefits

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### **What is Corn Fibre?**

Corn fiber is a comparatively new innovation in the textile industry. Cargill Inc. and The Dow Chemicals joined together to form Cargill Dow Polymers LLC, which developed corn fibre.

Corn Fibre is also called Ingeo fibre. Corn is an agricultural product with large quantities of starch, which manufacturers extract from the plant fibers and break down into sugars that are then fermented and separated into polymers.

At this point in the process, the corn fibers are paste-like substances which are then extruded in to delicate strands that are cut, carded, combed, and spun into yarn. Aside from the chemical processes, the rest of the process is similar to what is done with wool.

### **Benefits of corn Fibre as a fabric:**

It has good strength and resiliency.

It has natural comfort and drape.

It is naturally insulating.

It have moisture wicking.

It is more breathable than polyester.

It provides odor control.

It is stain resistant and color fast.

It has low pilling.

It does not shrink dries quickly.

It is natural UV resistance. .

It has Low index of refraction, which provides excellent color characteristics, with the shiny luster as silk

**Wishing you a great week ahead!**

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