

Composite materials with EXTRAORDINARY PROPERTIES compared to existing materials

Extremely strong and durable

(long and uniformly impregnated fibres yield gain in strength)

Technological flexibility

(INCAPTEK's composite technology is compatible with many existing thermoplastics and fibre rovings)

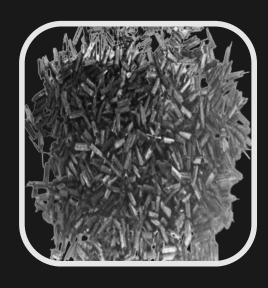
Sustainable and cost effective production

(dry fibre impregnation doesn't require toxic solvents)

Compatible with additive manufacturing and injection moulding

COMPOSITE MATERIALS WITH ELONGATED FIBRES

COMPOSITE MATERIALS WITH ELONGATED FIBRES YIELD EXTREME PERFORMANCE





Fibre-reinforced polymer composite prepregs, pellets, and 3D printing filaments

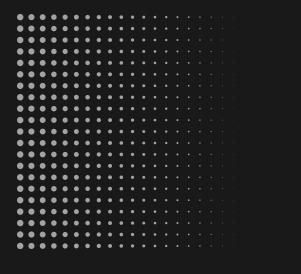


AS HIGH-PERFORMANCE CONSTRUCTION MATERIALS FOR AEROSPACE, AUTOMOTIVE, ETC.

AS CUTTING-EDGE MATERIALS FOR MEDTECH



WHY OUR COMPOSITE MATERIALS EXCEL







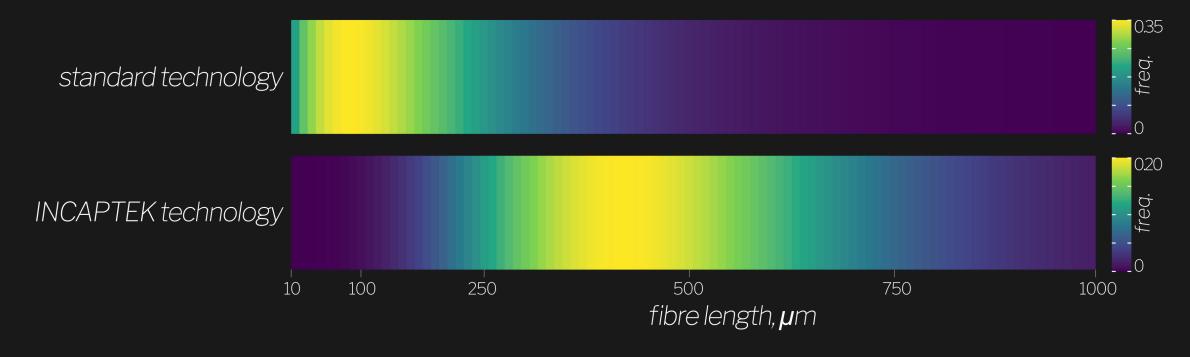






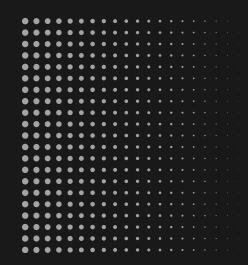
Heatmap of distribution of fibre lengths in 3D-printing composite filaments

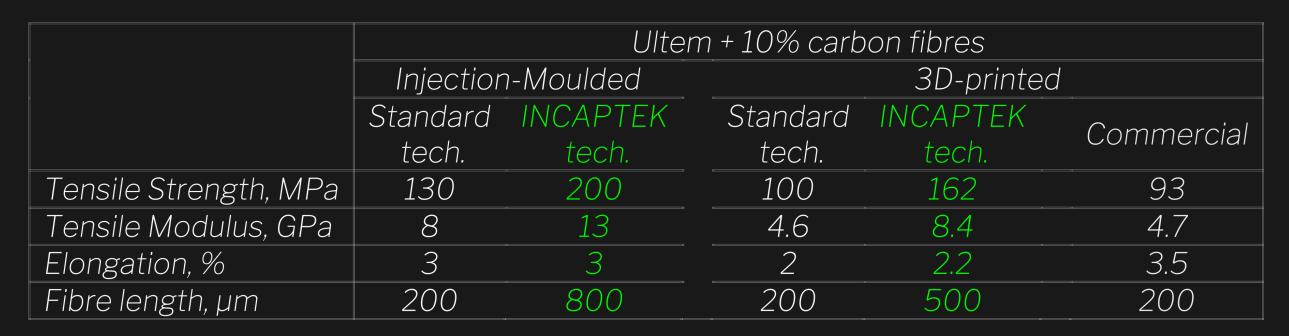
INCAPTEK's new technology creates materials with long and uniformly coated fibres resulting in higher strength

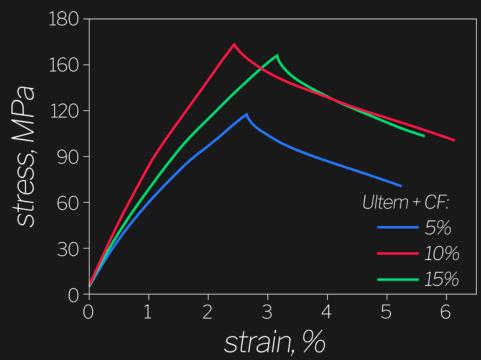




INCAPTEK'S TECHNOLOGY YIELDS COMPOSITES WITH SUPERIOR STRENGTH







INCAPTEK's new technology results in over 1.5X increase in composite material strength compared to standard technology

The Stress-Strain curve of 3D-printed Carbon-Fibre (CF) reinforced Ultem produced from INCAPTEK's filament