

CHOMARAT IS DEVELOPING NON-CRIMP FABRICS BASED ON VERY HEAVY TOW FIBERS FOR THE AUTOMOTIVE INDUSTRY

At the JEC Forums in Knoxville, Tennessee, October 13-14, the Chomarat team will give a lecture on how their solutions meet automotive demand, with a specific focus on low-cost advanced composites.

CHOMARAT WORKS ON LOW-COST COMPOSITES FOR THE AUTOMOTIVE MARKET

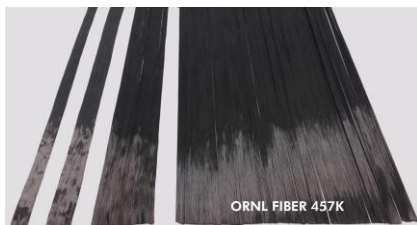


C-PLY™ produced with very heavy tow carbon fiber from ORNL

The automotive industry needs to rethink its strategy and to innovate to fulfill regulatory CO₂ reduction objectives. Continuous glass and carbon fiber composites offer a significant advantage in attaining these goals, by enabling the weight of structures to be reduced.

Chomarat is working on formatting very heavy tow LCCF (low-cost carbon fibre) into C-PLY™ and proposes design optimization using low-cost carbon fibre input from Oak Ridge National Laboratory (ORNL). Working together with tier 1 automotive supplier and ORNL, Chomarat can handle these heavy tows and meet many benchmark standards.

“Composites constitute a solution to lower the weight of vehicles, but they must be of economic benefit in a context where each process and each material has to compete to find its place in an appropriate and optimized industrial procedure.” explains Chomarat Group, Managing Director, Michel Cognet.



From left to right carbon fiber 12K, 24K, 50K and 457K from ORNL

C-PLY™ with LCCF (low-cost carbon fiber) spread plies is the solution Chomarat is developing that combine the most economical performance option with cost effective molding processes. *“C-PLY™ used with low-cost fibers, becomes a very attractive reinforcement for markets like automotive”,* explains Michel Cognet. *“Along with our long-term strategic vision that is sustained by strong partnerships, Chomarat’s ability to adapt and develop technologies, has enabled us to become a major player in composites for the automotive industry”.*

Established in 1898, CHOMARAT is an international industrial textile group, involved in three businesses: Composites Reinforcements, Construction Reinforcements, Coatings & Films–Textiles. The privately held company operates in France, Tunisia, the United States and China to service its global customers.

CHOMARAT leads a strong innovation strategy, rising to challenges, developing materials for the future. Hence, the Group invests in new technologies and enters into collaborative research programs with universities and technical centers worldwide.

CHOMARAT offers strong technical know-how and mastery of complex technologies in fields ranging from automotive, aerospace, sports, energy, marine, construction, and also in markets requiring creativity and expertise, like luxury goods. www.chomarat.com