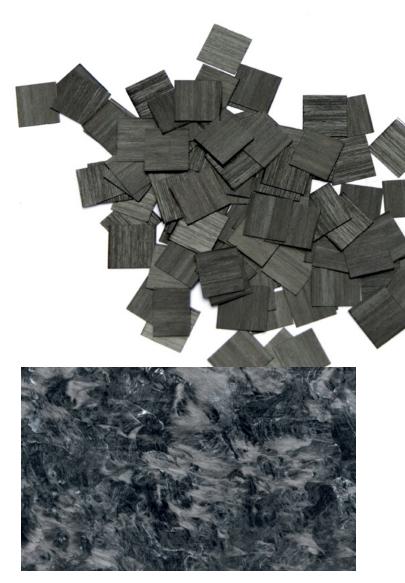




Xycomp® DLF™

Xycomp® DLF™ is a lightweight thermoplastic composite developed to replace complex-shape metal medical tools including nail guides, fixators, retractors and others. With outstanding fatigue, vibration, and impact resistance, it provides up to 60 percent weight savings to help with tool ergonomics and user fatigue while providing exceptional performance.

Xycomp® DLF™ is produced from aerospace-grade, carbon-fiber-reinforced, unidirectional prepreg tape which is chopped into flakes, resulting in high fiber content (70% by weight), longer fibers (0.5 in./13 mm or greater), and a high degree of material control. Flakes are matched-die compression molded in a proprietary process called ProFusion, enabling the production of 3D shapes with variable wall thickness and molded-in features such as fasteners, inserts, and ribs. The benefits of this molding technique include the consolidation of complex assemblies into fewer parts, and the optimization of raw material required per component.



Xycomp® DLF™ chopped flakes