

Hexcel® HexForce™ 690 Carbon Fabric

Category : Carbon , Carbon Fiber

Material Notes:

Hexcel's carbon fibers contain high strength-to-weight and stiffness-to-weight ratios. Carbon fabrics are thermally and electrically conductive and exhibit excellent fatigue resistance. When properly engineered, carbon fabric composites can achieve the strength and stiffness of metals at significant weight savings. Hexcel's carbon fabrics are compatible with various resin systems including epoxy, polyester and vinyl ester resins. Information provided by Hexcel

Order this product through the following link:

http://www.lookpolymers.com/polymer_Hexcel-HexForce-690-Carbon-Fabric.php

Physical Properties	Metric	English	Comments
Thickness	724 microns	28.5 mil	

Mechanical Properties	Metric	English	Comments
Tensile Modulus	228 GPa	33000 ksi	12K Carbon Warp Yarn
	228 GPa	33000 ksi	12K Carbon Fill Yarn

Descriptive Properties	Value	Comments
Fabric Weight (oz/yd2)	18.7	Dry
Nominal Construction (count/in)	10	Warp
	10	Fill
Weave Style	2x2 Basket	

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