Northern® Composites

Main Office
102 Tide Mill Road
Hampton, NH 03842
Phone: 603-926-1910
Fax: 603-926-0598
info@northerncomposites.com

TECHNICAL DATA SHEET

CB 350
Carbon Epoxy Backing Board

DESCRIPTION:

CB 350 is a press cured carbon fiber epoxy resin prepreg balanced laminate. **CB 350** is cured for 60 minutes at 350°F followed by a post cure for 60 minutes at 400°F. Unless otherwise requested, standard **CB 350** laminate panels are made with a nylon peel ply co-cured on both outer surfaces of the laminate which may be removed by the user.

TECHNICAL DATA:

	Typical Values	
Fiber:	Carbon: unifiber center 0/90, Fabric 0/90 outer ply, (2) sides	
Peel Ply:	Nylon peel ply, two (2) sides	
T_g (by DMA), °F:	350	
	RT	**350°F**
Flexural Strength, ksi:	121.9	49.8
Flexural Modulus, Msi:	8.9	7.4
Flexural Strength after 100 thermal cycles, ksi:	122.8	58.7
Flexural Modulus after 100 thermal cycles, Msi:	9.1	8.1
Coefficient of Thermal Expansion, X-Y (by TMA), in./in. °F:		$1.3\text{-}1.6 \times 10^{-6}$

AVAILABILITY:

CB 350 laminates are supplied in thicknesses of ¼", $^3/_8$" and ½"
Standard panel dimensions are 47 ½" x 96".
Other thicknesses and sizes available upon request.