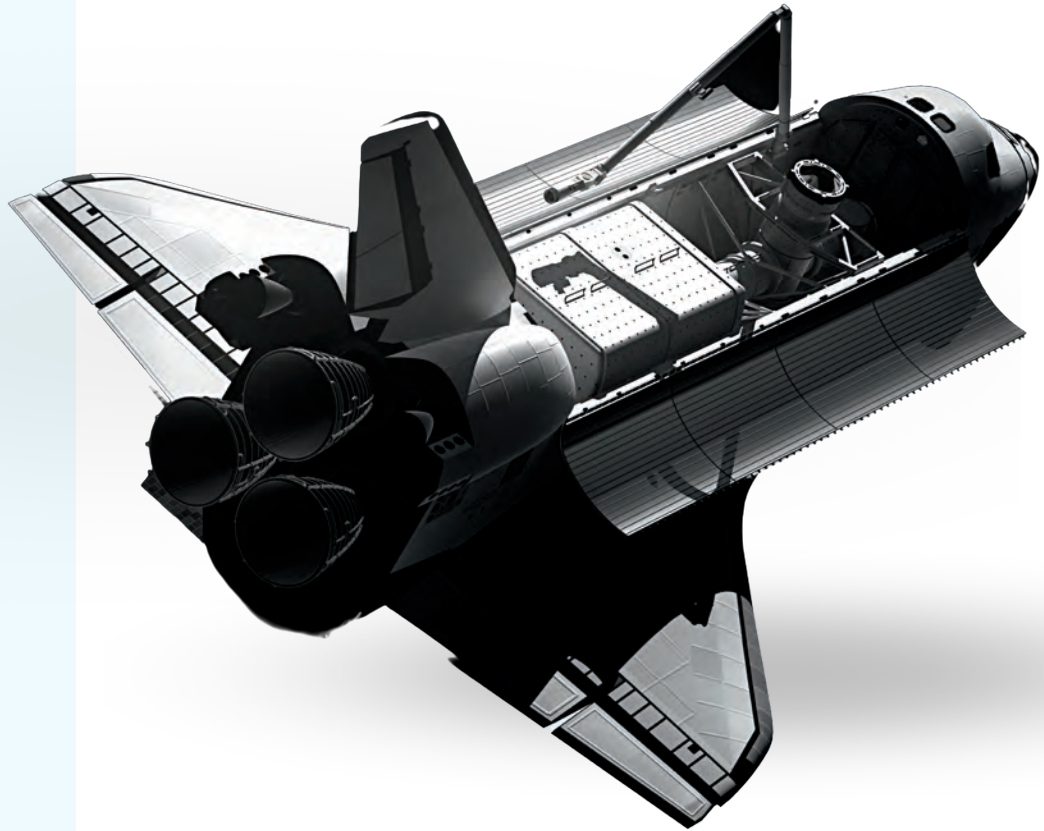


CERAMAT™ CARBON / CARBON

CeraMat™ Carbon/Carbon is an exclusive dual cure acrylate resin developed for the rigors of continuous steered fiber CF3D® composite printing. CeraMat™ Carbon/Carbon enables the design and fabrication of advanced near net shape Carbon/Carbon preforms. Highlighted by its compatibility with industry leading performance carbon fibers, high char yield, and easy handling, CeraMat™ Carbon/Carbon takes performance to the next level.

Typical applications include the creation of carbon fiber composite preforms ready for subsequent re-densification steps as required for ultra high temperature use.



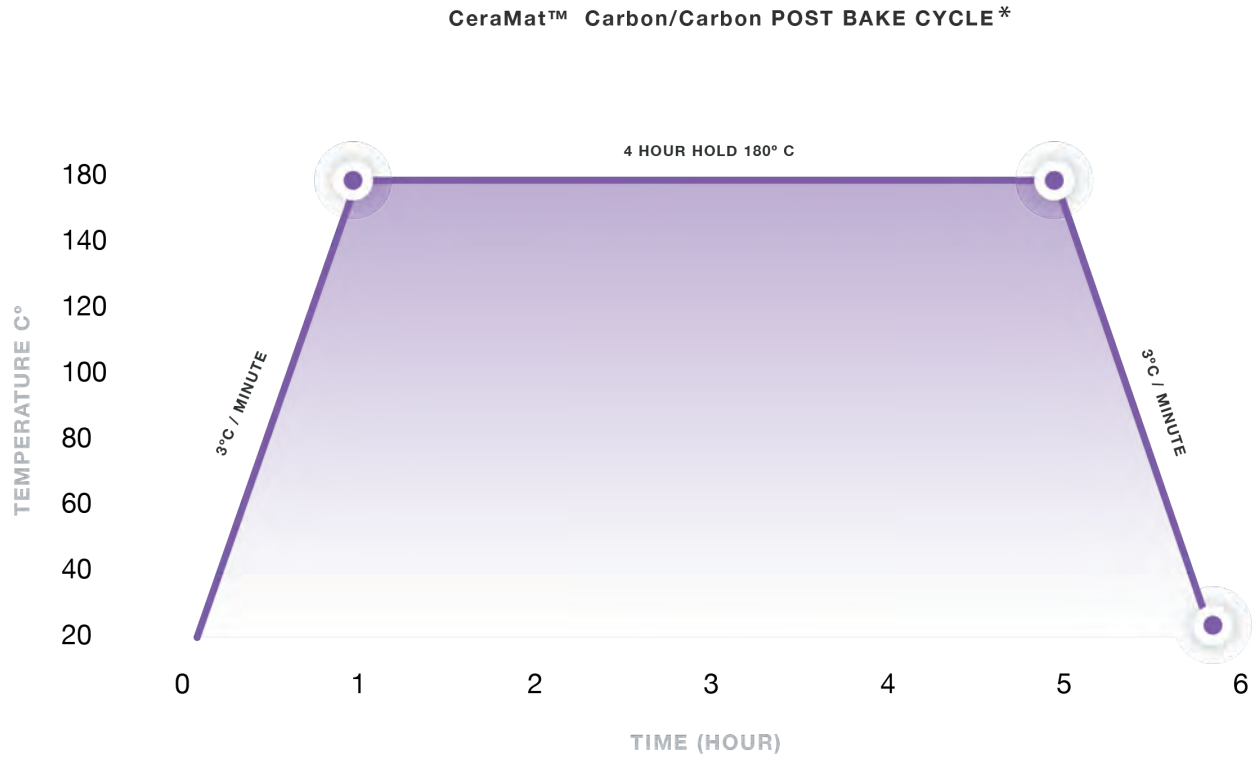
FEATURES AND BENEFITS

- Carbon/Carbon Part Precursor
- 30% Char Yield Upon Pyrolysis
- Room Temp Shelf Life: 6 Months
- Parts Maintain Dimensional Tolerance Following Pyrolysis
- High Fiber Volume Fraction > 50%

NEAT RESIN HANDLING PROPERTIES

PROPERTY	VALUE
LIQUID DENSITY	1.15g/cc
CHAR YIELD	30 %
CF3D® CERTIFIED FIBERS	TORAY T1100-50SC - 12K
SHELF LIFE	6 MONTHS
CARTRIDGE SIZE	0.55 LITERS
CARTRIDGE OFFERING	15 QTY (PART #400-40) 85 QTY (PART #400-30)
CARTRIDGE CAPABILITY	SINGLELANEENDE FFECTOR (PART#100-5996)

CERAMAT™ CARBON/CARBON POST BAKE CYCLE



CERAMAT™ CARBON/CARBON PROCESSING

