



Material: DT-10

Description: Carbon Fiber Carbon
(Chopped Fiber)

AREAS OF USE

Area of Use	Highly Recommended	Optional	Benefits
Gob Deflector			High temperature capabilities
Takeout Insert			Low oil absorption
Dead Plate			High mechanical strength (Stronger than standard carbon, graphite and DT-1 sheet material)
Ware Guide			
Sweepout		✓	Long wear-life (service-life)
Transfer		✓	Available in small sheets or as finished parts
Stacker Bar	✓		Recommended to use in excessively hot environments where temperature exceeds the capabilities of DT-1 & DT-2

AVAILABLE SHEET SIZES*

Thicknesses	Sheet Sizes
0.250" (1/4") [6.35mm]	2.50" [63.5mm] x 6.00" [152.4mm]
0.500" (1/2") [12.70 mm]	

*DT-10 is most commonly purchased as finished parts.
*Please inquire about additional thicknesses.



DT-10 TECHNICAL DETAILS

PHYSICAL PROPERTIES

	International Units	English Units
Density	1.75 g/cm ³	109 lb/ft ³

MECHANICAL PROPERTIES

	International Units	English Units
Compressive Strength	145 MPa (Parallel) 76 MPa (Perpendicular)	21,000 psi (Parallel) 11,000 psi (Perpendicular)
Flexural Strength	103 MPa (Parallel) 83 MPa (Perpendicular)	15,000 psi (Parallel) 12,000 psi (Perpendicular)

TEMPERATURE CAPABILITIES

	International Units	English Units
Continuous Temperature	482°C	900°F