

Extruded Rods, Plates & Tubular Bars

QUANTA™ PEEK CF30 Shape Data (30% Carbon Fiber Reinforced PEEK)

PROPERTIES	ASTM TEST METHOD	UNITS	EXTRUDED SHAPES VALUES
Specific Gravity	D792	—	1.47
Tensile Strength at Break	D638-14	psi	12,300
Tensile Elongation at Break	D638-14	%	2.4
Tensile Modulus	D638-14	psi	912,000
Flexural Strength at Break	D790-15	psi	21,500
Flexural Modulus	D790-15	psi	900,000
IZOD Impact Strength, Notched	D256-10	ft-lb/in	1.0
Heat Deflection Temperature @ 264 psi	D648	°C	315
Flame Rating	UL94	@.75mm	V-0
Rockwell Hardness	D785	M-Scale	104
Water Absorption	D570	%	0.10

SIZES



Plates

Thickness: 3/8" to 6"
Width: 12", 18", 24"
Length: 4'

Rods

Diameter: 3/8" to 10"
Length: 4' | 8' | 10'

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