



THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

Item:	ProDome® PK	
Description:	ProDome® PK is a fiber-reinforced PEEK blend with additives for increased UV resistance. It offers increased mechanical properties and creep resistance in high temperature and cryogenic environments. ProDome® PK is specifically formulated for space and other applications in especially harsh environments requiring high strength capabilities.	
Availability:	PK Series	PK130 can be injection molded, compression molded, 3D printed and machined to shape. Standard forms: Sheet, rods, and tubes. Used for prototyping, medium, and high volume production.

Key Characteristics	Test Method	Units	PK130
Standard Color			Tan
Specific Gravity	D792		1.55
Notched Izod Impact	D256	(ft-lbs/in)	6.22
Tensile Strength @ Break	D638	psi	28000
Tensile Elongation @ Break	D638	%	2.8
Tensile Modulus	D638	ksi	1745
Flexural Strength	D790	psi	39900
Flexural Modulus	D790	ksi	1672
Dielectric Constant @10Ghz	D150		2.645
Loss Tangent @ 10Ghz	D150		0.004
Water Absorption		%	0.3
Flame Rating	UL94		V0