



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

ProDome® PK

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	ASTM D792	--	1.55
Notched Izod Impact	ASTM D256	(ft-lbs/in)	6.22
Tensile Strength @ Break	ASTM D638	psi	28,000
Tensile Elongation @ Break	ASTM D638	%	2.8
Tensile Modulus	ASTM D638	ksi	1745
Flexural Strength	ASTM D790	psi	39,900
Flexural Modulus	ASTM D790	ksi	1,672
Dielectric Constant @10Ghz	ASTM D150	--	2.645
Loss Tangent @ 10Ghz	ASTM D150	--	0.004
Water Absorption	--	%	0.3
Flame Rating	UL 94	--	V0

AS9100 Certified QMS | ISO9001 Certified QMS | RoHS Compliant | ITAR Compliant

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