



Prototyping Passion

FDM Fused Deposition Modelling

P430 ABSplus

Prototype Projects Ltd.

1 Greenfield

Royston

SG8 5HN

Tel: 01763 249 760

info@prototypeprojects.com



Applications

- Proof of concept
- Functional testing
- Vacuum forming tooling
- Product mock ups

Features

- Production intent material properties
- Solid parts

Benefits

- Building and testing parts with a material widely used in industry.
- Build assembly fixtures without the need for waiting for CNC parts.

Technical Data

Measurement	Condition	Result
Tensile Strength	ASTM D 638	37 MPa
Tensile Modulus	ASTM D 638	2,320 MPa
Tensile Elongation	ASTM D 638	3%
Flexural Strength	ASTM D 790	53 MPa
Flexural Modulus	ASTM D 790	2250 MPa
Impact Strength (IZOD Notched)	ASTM D 256	106 J/m
Heat Deflection	ASTM D 648	
	@ 66PSI	96° C
	@ 264 PSI	82° C
Glass Transition (Tg)	DMA (SSYS)	108° C

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