

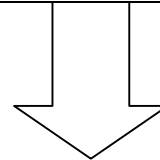
FDM ABS-400 Specifications



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FDM (Fused Deposition Modelling)

Build Volume	L 203 X W 203 X H 305 mm
Layer Resolution	0.254 or 0.330 mm
Material	P400 ABS Plastic
Advantages	High Strength Cost Effective Water Proof
Applications	Product styling evaluation Real life functional testing Assembly fit and form Replacement parts
Post Processing	Can be sanded, milled, drilled, tapped painted and even electro-plated
Typical Delivery	1-2 Days



ABS P400 (Material Specifications)

	English	Metric
Tensile Strength	: 5,000 psi	34.45 Mpa
Tensile Modulus	: 360,000 psi	2,480 Mpa
Flexural Strength	: 9,500 psi	65 Mpa
Flexural Modulus	: 380,000 psi	2,618 Mpa
Impact Strength	(ft*lb/in)	(J/m)
Notched	: 2.00	107
Unnotched	: 24.00	1,282
Hardness (shoreD)	: 78 (D)	
Elongation	: > 10%	
Melting Point	: 175°C	

Other Services Available:

CNC Machining in various Industrial Plastics.

SLA 7560:
Durable like ABS with Outstanding appearance

SLA 5510:
Durable, Rigid ClearAmber

SLA Somos 11120:
Optically Water Clear

SLS PA2200:
Durable, flexible Nylon

SLS PA3200 Glass filled:
Durable, impact resistant Plastic

SLS SOMOS 201:
Flexible Rubber like

SLS ST-100:
100% dense steel/bronze

BDP P1500:
Durable, flexible Polyester