



ASA - Material Properties

ASA is the Argyle/Bolson analogue to Stratasys ASA

Printers: F900 Plus, Fortus: 900MC, 450MC, 400MC, 380MC, 360MC (and Vantage, Titan legacy printers),

F Series: 170, 270, 370, 770

Test Method	Mechanical Properties	ASA Data – Imperial
ASTM D638	Tensile Strength	6540 psi
ASTM D638	Tensile Elongation	30%
ASTM D790	Flexural Strength	8960 psi
ASTM D790	Flexural Modulus	313000 psi
ASTM D256	Notched Izod Impact (.125")	3.1 ft-lbs/in
	<u>Thermal Properties</u>	
ASTM D648	HDT (264 psi) Unannealed	198 °F
ASTM D 1525	Vicat Softening Point	221 °F
UL94	HB Flame Rating	HB @ 1.6mm

Molded Specimen. 3D Printed specimen results to follow.

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