

Design Guidelines

Clear Extreme Detail Acrylic	
Maximum bounding box	290 x 210 x 100 mm
Minimum bounding box	$X + Y + Z > 12$ mm
Minimum supported wall thickness	0.6 mm
Minimum unsupported wall thickness	0.8 mm
Minimum supported wires	0.8 mm diameter (or thinnest dimension if not circular). 1.0 mm diameter (or thinnest dimension if not circular) for sprues, or wires bearing weight.
Minimum unsupported wires	1.0 mm diameter (or thinnest dimension if not circular)
Embossed details	0.1 mm high & wide
Engraved details	0.5 mm deep & wide
Single escape holes diameter	One escape hole is not adequate for this material
Multiple escape holes diameter	4.0 mm diameter
Clearance	0.05 mm
Sprues	1 mm thick, attached in at least 2 places per part
Interlocking	Yes
Enclosed	No
Multiple parts in file	Up to 250
Accuracy	$\pm 0.3 - 0.7$ mm for every 100 mm