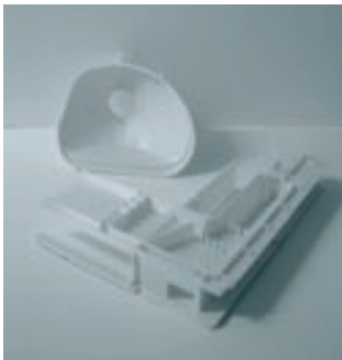


FDM TITAN FUSED DEPOSIT MODELING



Manufacturing process

Extrusion and deposit of a line of thermo-fusible polymer PC,ABS or PPSF, in successive layers of 0,17 or 0,25 mm.

The objective :

The FDM is the ideal technology to realize precision parts, using the best materials.

Our strong points :

Painted finish. We guarantee the assembly of your subsets.

Delay :

Two to five working days according to size and finish.

Means of production and mechanical properties

FDM TITAN, 350 mm x 400 mm x 400 mm

Materials	Elongation at break %	Flexural modulus	Tensile strength	Thermal	Density	Colour	Observations
ABS	6 %	1 625 Mpa	22 Mpa	96° C	1,05	White	Layers of 0,25 mm
Polycarbonate	3 %	2 135 Mpa	52 Mpa	127° C	1,20	White brilliant	Layers of 0,25 to 0,17 mm
Polyphenylsulfone	3 %	2 068 Mpa	55 Mpa	189° C	1,28	Beige cream	Layers of 0,25 mm
PC-ABS	4,3 %	1 863 Mpa	50 Mpa	96° C	1,2	Black	Layers of 0,25 to 0,17 mm

