

**Contact:**

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# RedPrices

## Red models at low prices

With RedPrices you do more and get a lower price  
This is a low-cost complement to our other freeform services.  
RedPrices is Red ABS with 0.254 mm in layer thickness.  
Here you get the cheapest possible 3D printing but with high form accuracy.



**Conditions RedPrices:**

Submitted files to model@digitalmechanics.se with the text RedPrices in the subject line is considered as an order. Included files are produced and supplied by the following terms. Bulky parts can be built with internal sandwich structure to further lower the detail price. This is specified as "sparse" in the order.

- The price per started cm<sup>3</sup> is 11SEK
- The details are produced with the FDM technology in Red ABS with layer thickness of 0.254 mm
- The wall thickness is 1mm
- Only STL format sent to model@digitalmechanics.se
- The STL file must have at least the triangular resolution deviation 0.003mm and the angle 3 degrees
- We make no qualitative analysis of sent in STL files
- We orient and build the part to the lowest price
- We take no responsibility for the part's strength
- Greater detail than the maximum measurements can be glued and charged with 175SEK/half hour
- Delivery will be made for jobs in a queue and an order confirmation within 36 hours max

**Maximum overall dimensions (without glue):**

355x254x254mm

ABS		
Properties	Standard	ABS
Tensile stress, MPa	D-638	22
Mudulus of elasticity, MPa	D-638	1627
Elongation at break, %	D-638	6
Bending stress, MPa	D-790	41
Flex module, MPa	D-790	1834
Izod notched toughness, J/m	D-256	107
Izod un-notched toughness, J/m	D-256	214
Heat deflection (HDT), °C	D-648	90
Glass transition temperature (Tg), °C	DMA	104