

# IKEA Svallet Syntactic Analysis

Choice of material: Polypropylene plastic

- + light and cheap, easy to ship and store
- insulation, high resistance to electricity
- tough and durable, resistant to stains
- waterproof, easy to maintain (with duster)
- recycled materials, environmentally friendly
- susceptible to UV light degradation

Bulb Holder

- + consists of 3 parts to enclose the wires
- for safety purposes

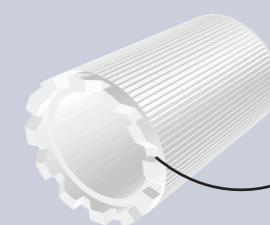
- + diagonal edges on the clips
- guide the other part in place

added ridge in the middle of clip  
to increase rigidity



Lamp shade

- + empire style design with grooves around to help direct and diffuse light
- curved rim and bowl at the top increases rigidity
- textured outer surface conceals scratches and stains
- small protuding joint that fits into "keyhole" of the base locks shade
- curved edges on the small joint increases rigidity
- slot hole at the top fits the bulb-holder and prevents it from rotating



Small cap

- + "teeth" on the rim secures bulb-holder in place
- by biting onto the top of lamp shade



Lamp base

- + large bottom with smaller top to improve stability
- extra crescent, curved narrow body and curved edges reinforces the base
- groove at the back flushes the wire into the body
- space at the bottom allows wire to bend
- textured surface conceals scratches and stains
- round-shaped and shelled base allows shade and wire to fit nicely inside, hence packed and stored easily when not in use
- smooth bottom surface causes lamp to be displaced at the slightest touch

