

# Heat Sinks in LED Lamps

## Consumer goods / Lighting

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### Benefits

- High thermoconductivity
- several thermal conductive grades available
- Flame retardant
- Heat-stabilized



### Details

Stanyl® TC PA46 is a reliable solution for heat sinks in LED lamps because it reduces the weight of heat sinks by 50% compared to aluminum. It also allows for a high level of design freedom compared to metal and yields 85% lower CO<sub>2</sub> footprint than with equivalent die cast aluminum heat sinks. Compared to traditional plastics, it delivers excellent cooling of the lamp while securing electrical safety.

### Products

Stanyl® TC154  
PA46 FR(17)

Stanyl® TC168  
PA\* -GF20 FR(17)



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