



PX804C/BK Epoxy for power supplies and transformers for LED street and commercial lighting



The customer manufactures LED lighting for streets, industrial and commercial areas. PX804C/BK is used for potting power supplies and transformers.

The key application requirements for the customer were high adhesion strength to the metal housing. A tough material with a little flexibility. Medium viscosity to avoid flow away and high thermal conductivity.

PX804C/BK has proved the perfect fit for the customer, particularly the thermal transfer properties, flexibility and viscosity characteristics.

Some other key properties of PX804CBK are

- High electrical insulating characteristics
- Non-toxic
- Low shrinkage
- Good thermal conductivity
- High adhesion to aluminium
- UL94-V0 @ 3mm
- Good chemical and water resistance

PX804C/BK can be also be used for

- PCB potting and encapsulation
- Capacitors
- Transformers
- Deep sea electronics

Technical Data for PX804C/BK	
Applications	PCB potting & encapsulation Capacitors Transformers Deep sea electronics
Features	High electrical insulating characteristics Non-toxic Low shrinkage Good thermal conductivity High Adhesion UL94-V0 @ 3mm Good chemical and water resistance
Specific Gravity	1.7
Viscosity (Mixed mPa @ 25°C)	9000
Shore Hardness	80D
Deflection Temperature	50°C
Thermal Conductivity (W/m K)	0.85
Approvals RoHS, WEEE & REACH compliant	YES

For the complete technical specification and health & safety sheet please visit our website www.robnor-resinlab.com