



June 1, 1992

7750-VV

Black Top Paint

Black Top Paint is used to coat the upper portion of glass halogen inner bulbs that are generally used in automotive applications. General Electric offers two types of Black Top Paint for use with different coating application methods.

The spray type is formulated to a viscosity of 145-155 centipoises and is recommended for use with Paasche Airbrush type spraying equipment.

The dip type is formulated to a viscosity of 410-420 centipoises and can be used in a variety of dipping methods.

Viscosity adjustments on both types of paint can be increased by evaporating the paint in an open container at room temperature. To decrease viscosity, add deionized water to the desired amount. It is very important that the Black Top Paint is well mixed before viscosity measurements are made and before transferring the paint to the coating equipment.

Both types of paint are cured at 450 C - 550 C for 1-3 minutes. The curing can take place in a batch or continuous operation. Either convection or radiant energy may be employed in the drying.

Removal of the Black Top Paint from the lamp in the uncured state can be accomplished with just water. Cured paint can be removed using a 22 wt% solution of sodium hydroxide in an ultrasonic bath.

ORDERING INFORMATION

| <u>Product Designation</u> | <u>Product Code</u> | <u>Resource Number</u> |
|----------------------------|---------------------|------------------------|
| Black Top Paint Spray Type | 115-9-19 | 2434231 |
| Black Top Paint Dip Type | X509-118 | 3461837 |

Black Top Paint is packaged in one gallon plastic containers with 3.7 liters per container.