

Technical data sheet and product guideline

RH2PB

Black rhodium for pen plating 2 g/100 ml ready-to-use



Color coordinates



L	59.6
a	-0.4
b	2.2
c	2.2

Product form

Metal concentration	2 g (Rh)
Form	Liquid
Material color	Black
Storage time	2 years
Format	Ready to use
Chemical type	Acidic
Volume	100 ml

Operating data

	Range	Optimal
Voltage (V)	8 - 10	9
Working temperature (°C)	18 - 25	20
pH	0 - 1	0 - 1

Metal concentration

Metal	Range (g/l)	Optimal (g/l)
Rhodium	20	20

Deposit data

Purity (%)	99.999
Hardness (HV 0,01)	800 - 900
Density (g/cm ³)	12.4
Thickness (um)	0.05 - 0.20
Appearance	Shiny
Color	Black

Preparation

RH2PB is a ready-to-use pen plating solution at the concentration of 2g/100ml. No preparation is required.

Equipment

Power supply: Pen plating machine (5 Amp – 12 Volt rectifier)

Anode: A pen with a platinum collar

Tips: Fiber (white or brown)

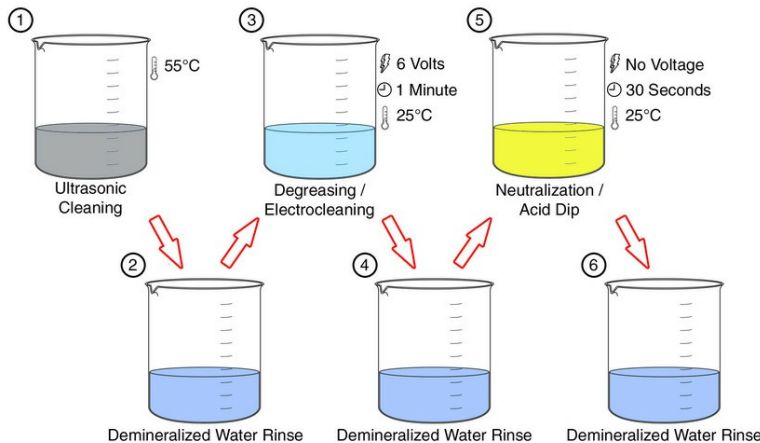
Technical data sheet and product guideline

RH2PB

Black rhodium for pen plating 2 g/100 ml ready-to-use



Pre treatment Cleansing procedure



Bath maintenance

Use until the rhodium solution is completely exhausted without incorporating replenishment or additives.

Post treatment

Electrolyte should be removed from the surface as quick as possible. Rinse off the bath rests in a recovery rinse (still rinse). Rinse the parts in running water and dry.

Safety information

Being an acidic solution, the electrolyte is corrosive therefore is an irritant to the skin, eyes and mucous membranes. Caution should be exercised when using the product, avoiding contact with the eyes and skin. Use gloves and safety goggles. Keep away from cyanide based chemicals. For further information please refer to the relative MSDS.

Disclaimer

All recommendations and suggestions in this bulletin concerning the use of our products are based upon tests and data believed to be reliable. Since the actual use by others is beyond our control, no guarantee expressed or implied, is made by Legor Group, its subsidiaries or distributors, as to the effects of such use or results to be obtained, nor is any information to be construed as a recommendation to infringe any patent.