



TECA-PRINT-PRODUCT INFORMATION

PAD PRINTING INK TPC 250 NEW CHARACTERISTICS DUE TO THE USE OF NEW HARDENERS

The pad printing ink TPC 250 is suitable to print on glass, ceramics, duroplastics and metals including chromium and nickel-plated, gilded or rhodium coated surfaces.

Until today the TPC 250 has only been used with hardener HG. To achieve the optimal characteristics of the TPC 250 with hardener HG, an oven drying at 140°C during 20 minutes is necessary. Only in this way the best resistances can be reached. Also the high degree of gloss is reached only by this oven drying.

General characteristics of the TPC 250:

- Air- and oven drying possible
- Satin-finished surface
- High opacity
- High mechanical resistance
- Good resistance against many organic solvents, chemicals, thinned alkalines and acids, oils and grease

From now on, two additional hardeners are available except from the hardener HG which has been used until today. The new hardeners are called HH and HI. The choice of the hardener is the decisive factor for the characteristics of the TPC 250.

Article numbers hardeners HG, HH and HI
(tube with 100ml):

Härter HG:	F91 00021 1
Härter HH:	F91 00025 1
Härter HI:	F91 00026 1

TPC 250 with hardener HH:

- An excellent resistance against water is reached also with air drying.
- Satin-finished surface
- Limited resistance against various solvents

TPC 250 with hardener HG:

- Very good resistances after oven drying at 140°C during 20 minutes
- High degree of gloss
- Good resistance against many organic solvents, chemicals, thinned alkalines and acids, oils and grease.

TPC 250 with hardener HI:

- With the hardener HI the advantages of the above mentioned hardeners HH and HG can be combined. The drying of the TPC 250 with hardener HI is possible with or without heat. For high demands we recommend drying at 140°C during 20 minutes.
- Good dishwasher resistance after oven drying
- In Kombination mit dem Härter HI ist die TPC 250 dampfsterilisierbar.
- For any printings on glass and metal we generally recommend to use the new hardener HI.

Please see the actual technical data sheet of the TPC 250 for further information.