

# TECHNICAL DATA

## **MPH - melamine paper board**

### **COMPOSITION**

MPH is a laminated board made of several layers of paper impregnated with phenolic treated resin and cladded on both sides with hard melamine impregnated paper. The resins formulation, their thermal strength and guarantee of fully curing, unable to obtain a drilling without any contamination coming from the drilling boards. For these reasons, the MPH is suitable for plating holes. MPH is also used as upper protective board during routing.

### **APPLICATION**

- MPH is suitable for drilling also for routing

### **PROPERTIES**

- Hard and smooth surface
- Good bushing for drill:
  - improves drilling accuracy
  - reduces dirt accumulation on drill flute and cutting edge
  - allows higher speed with CNC drilling machine
  - reduces smearing
- Cleans the dirt
- Less heating
- Good flatness, hardness and rigidity
- No copper delamination
- Reduces entry burrs and easier deburring

Among laminated drilling boards MPH is specially designed for this use, enables a higher drilling quality. Reliable, not expensive, increasing productivity, it gives the best rate quality/price.

## **STORAGE CONDITIONS:**

**In order to preserve the features of the material as well as possible the following precautions must be respected:**

- **Temperature of storage: 23°C**
- **Relative humidity: 60%**

**The material must be stored preferably in strapped pallet. When a packing is opened, it is necessary to place on the top an heavy enough plate to put pressure on the stack.**

## **AVAILABILITY**

- **Colour: white**
- **Surface: mat**
- **Thickness:**
  - **MPH150 - 1,5+-0,08 mm**
  - **MPH250 - 2,5 +-0,125 mm**
  - **MPH500 - 5,0 +-0,25 mm**
  - **MPH600 - 6,0 +-0,30 mm**
  - **MPH800 - 8,0 +-0,40 mm**
- **Sheet size: 1300 x 1500+-5,0 mm**

**Cut panels could be supplied upon request with hole registration according to drawing.**

All information given here is based on currently available facts and on the results of experiments performed with all due care in our laboratories. It does not in any way reduce the responsibility of the user for carrying out further tests in order to ensure successful processing and use in specific applications.