# Build Up HDI (Standard)

HDI10_2+6b+2_1,00_17.5_engl

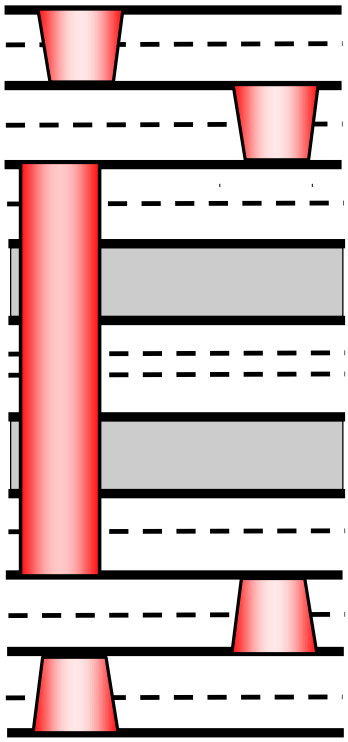
**10 - Layers**

Core: 0,15 mm Cu 17.5/17.5 µm

**WE-Articel No.:**

**2 + 6B + 2**

**Customer:**



| layer description | | configuration | Raw-Material | CU | PREPREG | Final Thickness | Customer requirements |
|---|---|---|---|---|---|---|---|
| Customer | WE | | | | | [µm] | [µm] |
| | TOP/VS | | Foil | 12 µm | 1) | 12 | |
| | | | | | 1 x 1080 | 60 | |
| | 2 | | Foil | 12 µm | | 30 | |
| | | | | | 1 x 1080 | 60 | |
| | 3 | | Foil | 12 µm | | 35 | |
| | | | | | 1 x 1080 | 66 | |
| | 4 | | | 17.5 µm | | 16 | |
| | | | 0,150 mm | | | 150 | |
| | 5 | | | 17.5 µm | | 16 | |
| | | | | | 2 x 1080 | 134 | |
| | 6 | | | 17.5 µm | | 16 | |
| | | | 0,150 mm | | | 150 | |
| | 7 | | | 17.5 µm | | 16 | |
| | | | | | 1 x 1080 | 66 | |
| | 8 | | Foil | 12 µm | | 35 | |
| | | | | | 1 x 1080 | 60 | |
| | 9 | | Foil | 12 µm | | 30 | |
| | | | | | 1 x 1080 | 60 | |
| | BOT/RS | | Foil | 12 µm | 1) | 12 | |

1) copper thickness outer layers: appr. 55 µm

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **final lamination thickness:** | **1,00** | +/- | 0,08 | mm | | | Date: | Engineer: |
| thickness with electro plated Cu: | 1,09 | +/- | 0,11 | mm | | | | |
| total thickness with soldermask | 1,15 | +/- | 0,13 | mm | | | | |
| customer requirement | | +/- | | mm | point: | | | |

total material thickness: 1024

Note: Lamination thickness for Prepregs depending on layout characteristics.

| prepared: on | by | checked: on | by | approved: on | by | revision | page: |
|---|---|---|---|---|---|---|---|
| 28.03.2006 | **S. Keller** | 04.05.2006 | M.Kress | 04.05.2006 | R.Schönholz | 00 | 20+ |