

## List of PU Tooling Boards

| Model                                                                                                                      | Density | Shore D              | Heat Deflection Temperature HDT | Compressive Strength MPa | Flexural Strength MPa | Tensile Strength MPa                                                                                                                                                                                            | Coefficient of thermal Expansion CTE | Appearance | Scope of Application                       |
|----------------------------------------------------------------------------------------------------------------------------|---------|----------------------|---------------------------------|--------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------|--------------------------------------------|
| (ISO 1183)<br>g/cm³                                                                                                        |         | (ISO 868)<br>Shore D | (ISO 75)                        | (ISO 604)Mpa             | (ISO 178)Mpa          | (ISO 178)Mpa                                                                                                                                                                                                    | (D/N 53752)10-6k-1                   |            |                                            |
| CATB 5166                                                                                                                  | 1.653   | 86                   | 76                              | 86.5                     | 56.9                  | -                                                                                                                                                                                                               | 43                                   | Brown      | Automobile fixtures, molding, patterns etc |
| CATB 5120                                                                                                                  | 1.379   | 83                   | 77                              | 88.4                     | 52.5                  | -                                                                                                                                                                                                               | 42                                   | White      |                                            |
| CATB 5100                                                                                                                  | 1       | 78-80                | 70-75                           | 70-80                    | 50-55                 | -                                                                                                                                                                                                               | 43                                   | White      |                                            |
| CATB 460                                                                                                                   | 0.782   | 74                   | 75                              | 54.1                     | 39.2                  | -                                                                                                                                                                                                               | 48                                   | Brown      |                                            |
| CATB 0775                                                                                                                  | 0.775   | 74                   | 130-140                         | 50-55                    | 41.4                  |                                                                                                                                                                                                                 | 47                                   | Green      |                                            |
| CATB 420                                                                                                                   | 0.72    | 60-65                | 72.83                           | 20-25                    | 25 N/mm2              | -                                                                                                                                                                                                               | 6.74x10^5                            | Brown      | Hand models, shoe patterns                 |
| CATB 410                                                                                                                   | 0.65    | 55-60                | 66.21                           | 15-20                    | 22 N/mm2              | -                                                                                                                                                                                                               | 4.32x10^5                            | Pink       |                                            |
| STANDARD SHEET SIZE<br>• 750mm X 500mm<br>• 1500mm X 500mm<br>STANDARD THICKNESS<br>• 30, 50, 70 and 100mm                 |         |                      |                                 |                          |                       | STORAGE/TANSPORTATION<br>Our tooling boards should be stored on a flat and dry space at a temperature between 18 °C and 25 °C.<br>Variations in Temperature should be avoided during the transport and storage. |                                      |            |                                            |
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