**A-620B resin tooling board**

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| --- | --- | --- | --- |
| **Physical properties** | **Physical performance** | **Testing standard** | **A-620B (463)** |
| Thermal expansion | Thermal expansion (1/K) | GB-1034 | 4.32 x 10-5 |
| Heat distortion temperature | Heat distortion temperature (oC) | (ISO 75) oC | 66.21 |
| Hardness (Shore D) | Hardness (Shore D) | (ISO 868) Shore D | 55 |
| Compressive strength | Compressive strength (N/mm2) | (ISO 604) Mpa | 15-20 |
| Bending strength | Bending strength | (ISO 178) Mpa | - |
| Density | Density | (ISO 1183) g/cm3 | 0.61 |
| Color | Color | - | Pink  |
| Sheet size | Sheet size (mm) | - | 1500x500x50 |

**A-700B resin tooling board**

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| --- | --- | --- | --- |
| **Physical properties** | **Physical performance** | **Testing standard** | **A-700B (468)** |
| Thermal expansion | Thermal expansion (1/K) | GB-1034 | 6.74 x 10-5 |
| Heat distortion temperature | Heat distortion temperature (oC) | (ISO 75) oC | 72.83 |
| Hardness (Shore D) | Hardness (Shore D) | (ISO 868) Shore D | 65 |
| Compressive strength | Compressive strength (N/mm2) | (ISO 604) Mpa | 20-25 |
| Bending strength | Bending strength | (ISO 178) Mpa | - |
| Density | Density | (ISO 1183) g/cm3 | 0.737 |
| Color | Color | - | Brown |
| Sheet size | Sheet size (mm) | - | 1500x500x50 |
| 1500x500x75 |
| 1500x500x100 |