

BBN5180 High Density PU Tooling Board

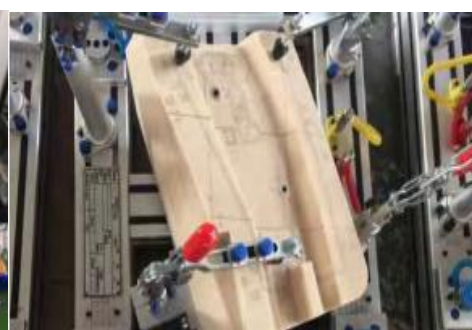
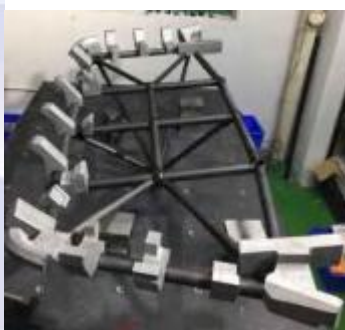
DESCRIPTION

- ☆ Good dimensional stability
- ☆ High compressive strength
- ☆ Metal filler can be added
- ☆ Dense fine surface



APPLICATION

- ☆ Metal forming tools
- ☆ Jigs
- ☆ Pressing tools
- ☆ Foundry patterns



PARAMETER

Model No.	BBN5180
Color	Gray
Density (ISO 1183)	1.9g/cm ³ or 118 lb./ft. ³
Hardness (ISO 868)	85-90 shore D
Coefficient of thermal expansion(ISO 11359)	40-45x 10 ⁻⁶ K ⁻¹
Hot deformation temperature(ISO 75)	80-85°C
Flexural strength(ISO 178)	60-65 MPa
Compressive strength(ISO 604)	100-110 MPa
Tensile strength	40-45 MPa
Specifications	750x500x(35/50/75/100)mm
	1000x500x(50/75/100)mm

Notice: Other dimensions on request.

STORAGE

- ☆ The material should be stored flat and in a dry place avoiding large temperature variations.