

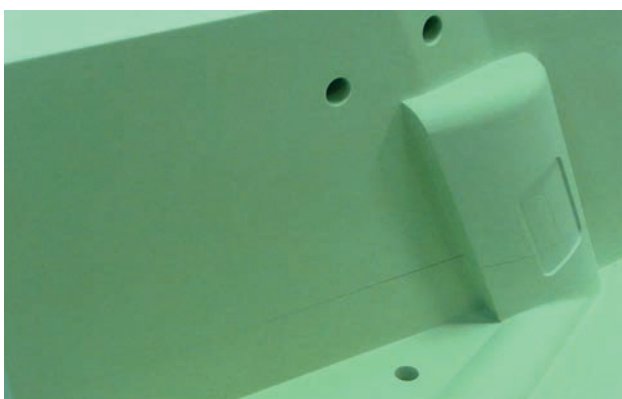
## Tooling Boards

# A wide range of tooling solutions

Trelleborg's range of tooling materials offers customers premium, high quality, low density and ultra-high temperature epoxy tooling boards designed for the manufacture of accurate and stable master models and moulds. All the tooling boards are available in a range of sizes.

### TB650 - PREMIUM QUALITY EPOXY SYNTACTIC TOOLING BOARD

Property	Test Method	Value	SI Units	Value	Imperial Units
Colour		Green			
Density	BS EN ISO 1183-3:1999	680	kg/m <sup>3</sup>	43	lb/ft <sup>3</sup>
Shore Hardness	ISO 868:1998	69	D	69	D
Uniaxial Compressive Strength	BS EN ISO 604	45.5	MPa	6600	lbf/in <sup>2</sup>
Uniaxial Compressive Modulus	BS EN ISO 604	1490	MPa	216100	lbf/in <sup>2</sup>
HDT	BS 2782	117	°C	243	°F
Coefficient of Thermal Expansion	BS 4618 3.1	38.0	x 10 <sup>-6</sup> / °C	21.2	x 10 <sup>-6</sup> / °F

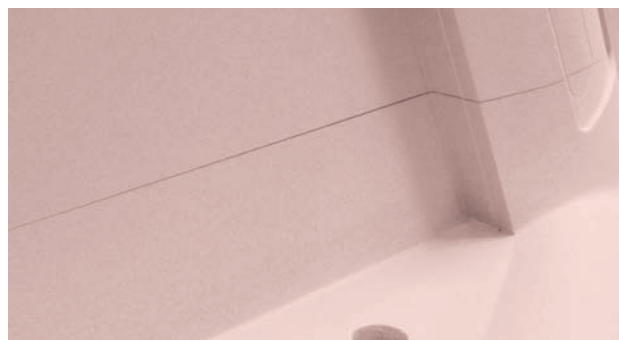


### EP678 - HIGH QUALITY TOOLING BOARD

Property	Test Method	Value	SI Units	Value	Imperial Units
Colour		Blue			
Density	BS EN ISO 1183-3:1999	708	kg/m <sup>3</sup>	44	lb/ft <sup>3</sup>
Uniaxial Compressive Strength	BS EN ISO 604	52.0	MPa	7540	lbf/in <sup>2</sup>
Heat Distortion Temperature	BS 2782	135	°C	275	°F
Coefficient of Thermal Expansion	BS 4618 3.1	35.7	x 10 <sup>-6</sup> / °C	19.9	x 10 <sup>-6</sup> / °F

### TC460 - ULTRA HIGH TEMPERATURE TOOLING BOARD

Property	Test Method	Value	SI Units	Value	Imperial Units
Colour		Purple			
Density	BS EN ISO 1183-3:1999	740	kg/m <sup>3</sup>	46	lb/ft <sup>3</sup>
Shore Hardness	ISO 868:1998	78	D	78	D
Uniaxial Compressive Strength	BS EN ISO 604	51.0	MPa	7400	lbf/in <sup>2</sup>
Heat Distortion Temperature	BS 2782	232	°C	450	°F
Coefficient of Thermal Expansion	BS 4618 3.1	31.0	x 10 <sup>-6</sup> / °C	17.3	x 10 <sup>-6</sup> / °F



### EP700 - LOW DENSITY TOOLING BOARD

Property	Test Method	Value	SI Units	Value	Imperial Units
Colour		Pink			
Density	BS EN ISO 1183-3:1999	670	kg/m <sup>3</sup>	42	lb/ft <sup>3</sup>
Shore Hardness	ISO 868:1998	65	D	65	D
Uniaxial Compressive Strength	BS EN ISO 604	45	MPa	6527	lbf/in <sup>2</sup>
Glass Transition Temperature	BS EN ISO 11359-2	129	°C	264	°F
Coefficient of Thermal Expansion	BS EN ISO 11359-2	34	x 10 <sup>-6</sup> / °C	18.9	x 10 <sup>-6</sup> / °F

### TOOLING BOARD PRODUCT SIZE GUIDE

Product	Sizes (Metric)					Sizes (Imperial)			
	49 mm x 0.5 m x 1.0 m	49 mm x 1.0 m x 1.0 m	123 mm x 0.5 m x 1.0 m	123 mm x 1.0 m x 1.0 m	123 mm x 1.5 m x 0.5 m	2" x 24" x 60"	3" x 24" x 60"	4" x 24" x 60"	6" x 24" x 60"
TB650	•	•	•	•	•				
EP678						•	•	•	•
EP700						•	•	•	•
TC460						•		•	•

Other sizes may be available on request.

#### Contact Us

Trelleborg AEM delivers innovative and reliable solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.

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