

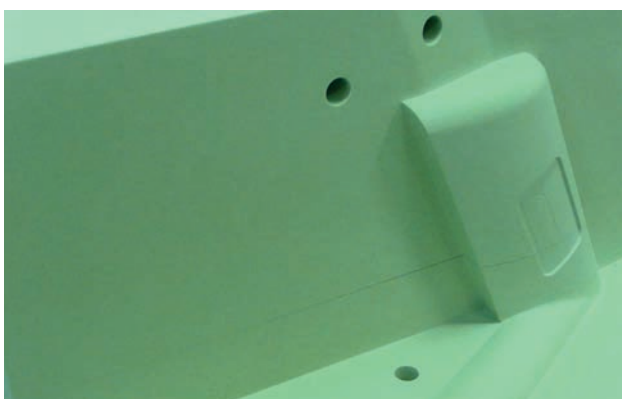
Tooling Boards

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 ³	43	lb/ft ³
Shore Hardness	ISO 868:1998	69	D	69	D
Uniaxial Compressive Strength	BS EN ISO 604	45.5	MPa	6600	lbf/in ²
Uniaxial Compressive Modulus	BS EN ISO 604	1490	MPa	216100	lbf/in ²
HDT	BS 2782	117	°C	243	°F
Coefficient of Thermal Expansion	BS 4618 3.1	38.0	x 10 ⁻⁶ / °C	21.2	x 10 ⁻⁶ / °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 ³	44	lb/ft ³
Uniaxial Compressive Strength	BS EN ISO 604	52.0	MPa	7540	lbf/in ²
Heat Distortion Temperature	BS 2782	135	°C	275	°F
Coefficient of Thermal Expansion	BS 4618 3.1	35.7	x 10 ⁻⁶ / °C	19.9	x 10 ⁻⁶ / °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 ³	46	lb/ft ³
Shore Hardness	ISO 868:1998	78	D	78	D
Uniaxial Compressive Strength	BS EN ISO 604	51.0	MPa	7400	lbf/in ²
Heat Distortion Temperature	BS 2782	232	°C	450	°F
Coefficient of Thermal Expansion	BS 4618 3.1	31.0	x 10 ⁻⁶ / °C	17.3	x 10 ⁻⁶ / °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 ³	42	lb/ft ³
Shore Hardness	ISO 868:1998	65	D	65	D
Uniaxial Compressive Strength	BS EN ISO 604	45	MPa	6527	lbf/in ²
Glass Transition Temperature	BS EN ISO 11359-2	129	°C	264	°F
Coefficient of Thermal Expansion	BS EN ISO 11359-2	34	x 10 ⁻⁶ / °C	18.9	x 10 ⁻⁶ / °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.