

PROMASTER™ 530

Rigid
polyurethane
board with a
density of 30
lbs.

FEATURES

Non-porous material

Excellent surface
quality

Excellent thermal and
dimensional stability

Easy CNC machining
using wood or metal
cutting tools

DESCRIPTION

The PROMASTER™ 530 is a machinable medium-density polyurethane board that provides a high-quality surface finish after machining. It is an ideal product for the production of master models, molds, and prototypes, and it also has excellent milling properties, producing chips during machining.

ADDITIONAL INFORMATION

All the boards in stock have dimensions of 1,500 mm in length by 500 mm in width.

The thickness options available are 25 mm, 50 mm, 75 mm, 100 mm, and 150 mm.

ASSEMBLY & FINISHING

The PROMASTER™ 530 can be assembled using TECHNO BOND™ 8090 adhesive. The polyurethane repair paste P-TEC 8400 can be used to repair holes, cracks, as well as corners and broken edges.

INFORMATIONS PERTINENTES DE BASE

DESCRIPTION	Polyurethane board
APPARENCE	Orange Color
DIMENSIONAL STABILITY	Excellent

TYPICAL PROPERTIES (AT 22 ° C / 72 ° F)

TESTS	METHOD	RESULTS	
DENSITY	ASTM D 792	(lbs/pi ³)	30
HARDNESS	ASTM D 2240	Shore D	45
COMPRESSION RESISTANCE	ASTM D 1621	MPa	9,5
FLEXURAL RESISTANCE	ASTM D 790	MPa	10
COEFFICIENT DE DILATATION THERMIQUE	ASTM E831-06	(10 ⁶ K ⁻¹)	52
THERMAL EXPANSION COEFFICIENT	ASTM E1545-05	(Tg) °C	70
SELF-EXTINGUISHING		Self-extinguishing	

Contact POLYMERS TECHNOLOGIES for
more information at:
support@polymerestechnologies.com

PRECAUTIONS

Refer to the safety data sheet before use.

Handle this product following standard safety rules and measures.

Ensure proper ventilation.

Wear gloves, safety goggles, and protective clothing.

It is recommended to follow provincial and federal safety regulations. In case of contact with the eyes, rinse thoroughly with water and seek medical attention immediately. If contact with the skin occurs, rinse well with water and soap. Keep out of reach of children.

DISCLAIMER OF LIABILITY

The customer assumes all risks and responsibilities for the results obtained through the use of any product from POLYMERS TECHNOLOGIES, including, without limiting the generality of the foregoing, the use of the CHILL EPOXY™ product range, as well as the use of any process, whether in terms of overall efficiency, success, or failure, and irrespective of any oral or written statements through technical advice or otherwise, related to the use of any product from POLYMERS TECHNOLOGIES.

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