

MACHINABLE MEDIA

MODELING/TOOLING BOARDS & EPOXY PASTE

PROVEN • CNC MACHINABLE • DIMENSIONALLY STABLE • LOW DUST

Valley Tool

BUILDING TRUST

MODELING BOARDS - POLYURETHANE

Product	Density (lbs/ft³)	Color	Tg (°F)	CTE (ppm/°F) (°C)	Adhesive Patch	Application	Description
Labelite 8GY	5	Gray	239	22 (40)	EA-001 N/A	■ Large dimensional models ■ Prototypes, ■ Design models ■ Painted embossed signs ■ Sculptures ■ Tool-path checking ■ Extrudable paste mandrel ■ Low series foundry patterns	■ Rigid PU foam board designed for CNC tool path proofing ■ Mock-ups ■ Manual machining
Labelite 25YW	16	Peach Yellow	167	33 (60)	EA-001 N/A		
Labelite 35OE	22	Orange	158	33 (60)	EA-001 N/A		
SikaBlock® M600	37	Brown	176	31 (55)	TCC-230 P-34 Brown	■ Master models ■ Plugs ■ Mock-ups ■ Prototypes ■ Prototype foundry patterns	■ Non-abrasive board with good surface finish ■ High definition ■ Buttery cut
Prolab 65	42	Lt. Brown	185	42 (75)	TCC-230 P-34 Brown		

TOOLING BOARDS - EPOXY

SikaBlock® M974	45	Blue	252	20 (36)	EL-336 N/A	■ Masters for prepregs or heat curing composites ■ Short run vacuum forming molds	■ Intermediate temperature board ■ Can be easily polished with excellent surface aspect

TOOLING BOARDS - POLYURETHANE

DP-1051 (Die Plank®)	52	Gray	188	28 (50)	TCC-230 P-17 Gray	■ CMM checking and fixtures for production part assemblies/nesting use ■ Vacuum and thermoforming	■ Impact-resistant aluminum filled urethane board
PP-1052 (Pattern Plank®)	71	Red	192	36 (64)	TCC-230 TCC-5220	■ Production tooling for medium volume foundry patterns ■ Core boxes ■ Gating and risers ■ Prototype metal ■ Stretch & vacuum forming	■ Impact & abrasion resistant board
Lab 850	74	Red	176	53 (95)	TCC-230 TCC-5220		■ Wear-resistant board that machines to a thermoplastic like finish
Lab 1000* (*Special Order Only)	104	Gray	198	28 (50)	AS-2020 N/A	■ Stamping ■ Thermoforming tools	■ High-density, aluminum filled board

EXTRUDABLE EPOXY PASTE

Product	Density (lbs/ft³)	Shore Hardness	Tg (°F)	CTE (ppm/°F)
SC 155	34	51 D	140	49
SC 175	39	60 D	181	39
SC 180	49	62 D	180	43
SC 390	67	75 D	196	29

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