



MACHINABLE MEDIA

MODELING/TOOLING BOARDS & EPOXY PASTES

PROVEN ▪ CNC MACHINABLE ▪ DIMENSIONALLY STABLE ▪ LOW DUST



BUILDING TRUST



MODELING BOARDS - POLYURETHANE

| Product | Brand | Density (lbs/ft ³) | Color | Tg (°F) / CTE (ppm/°F) | Adhesive | | Applications | Description |
|------------------------|-------|--------------------------------|-----------------|------------------------|------------|-------|--|---|
| | | | | | | Patch | | |
| Labelite 8GY | | 5 | gray | 239/22 | EA-001 | | Large dimensional models, prototypes, design models, painted embossed signs, sculptures, tool-path checking, extrudable paste mandrel, and low series foundry patterns | Rigid PU foam board designed for CNC tool path proofing, mock-ups or manual machining |
| | | | | | n/a | | | |
| Labelite 15IY | | 9 | ivory | 176/36 | EA-001 | | | |
| | | | | | n/a | | | |
| Labelite 25YW | | 16 | peach yellow | 167/33 | EA-001 | | | |
| | | | | | n/a | | | |
| Labelite 35OE | | 22 | orange | 158/33 | EA-001 | | | |
| | | | | | n/a | | | |
| Labelite 45PK | | 28 | pink | 149/31 | EA-001 | | | |
| | | | | | n/a | | | |
| MP-1055 (Model Plank®) | | 41 | chocolate brown | 140/34 | TCC-230 | | Master models, plugs, mock-ups, prototypes, and prototype foundry patterns | Non-abrasive board with good surface finish; high definition, buttery cut |
| | | | | | P-34 Brown | | | |
| Prolab 65 | | 42 | brown | 185/42 | TCC-230 | | | |
| | | | | | P-34 Brown | | | |

TOOLING BOARDS - EPOXY

| | | | | | | | |
|-------------|--|----|-------------|--------|--------|--|--|
| Lab 975 NEW | | 44 | light green | 266/21 | EL-336 | Masters for prepregs or heat curing composites, short run vacuum forming molds | High temp-resistant, easily polished board w/ excellent surface aspect |
| | | | | | n/a | | |

TOOLING BOARDS - POLYURETHANE

| | | | | | | | |
|----------------------------------|--|-----|------|--------|-----------|---|---|
| DP-1051 (Die Plank®) | | 52 | gray | 188/28 | TCC-230 | CMM checking and fixtures for production part assemblies / nesting use, vacuum and thermoforming | Impact-resistant, aluminum-filled urethane board |
| | | | | | P-17 Gray | | |
| PP-1052 (Pattern Plank®) | | 71 | red | 192/36 | TCC-230 | Production tooling for medium volume foundry patterns, core boxes, gating and risers; prototype metal, stretch & vacuum forming | Impact & abrasion-resistant board |
| | | | | | TCC-5220 | | |
| Lab 850 | | 74 | red | 176/53 | TCC-230 | | Wear-resistant board that machines to a thermoplastic-like finish |
| | | | | | TCC-5220 | | |
| Lab 1000* (* special order only) | | 104 | gray | 198/28 | AS-2020 | Stamping and thermo-forming tools | High density, aluminum-filled board |
| | | | | | n/a | | |

EXTRUDABLE EPOXY PASTE

| Product | Brand | Density (lbs/ft ³) | Shore Hardness | Tg (°F) | CTE (ppm/°F) |
|-----------|-------|--------------------------------|----------------|---------|--------------|
| SC 155 NA | | 34 | 51 D | 140 | 49 |
| SC 175 | | 39 | 60 D | 181 | 39 |
| SC 180 NA | | 50 | 62 D | 180 | 43 |
| SC 390 | | 67 | 75 D | 196 | 29 |

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