



Freeman Purple Machinable Wax

Description

Freeman Purple Machinable Wax is non-abrasive, non-toxic, self-lubricating and able to be glued. It is used for proofing NC/CNC machining programs, NC/CNC system set-up and training aid material. Freeman Purple Machinable Wax machines easier than plastic tooling boards or metals without sacrificing quality of finish, surface detail and dimensional accuracy. This makes it an excellent material for accurate molds and prototypes.

Physical Properties

Color (visual)	Purple
Specific Gravity	0.92
Ash Content	0.01%
Hardness (Shore D)	52
Softening Point	222° F
Flash Point	570°F
Volumetric Shrinkage @ Room Temp.	7%
Coefficient of Thermal Expansion (in/in/°F)	9.5 x 10 ⁻⁵

Machining Parameters:

<i>Roughing</i> - Spindle Speed	3,000 RPM
Feed Rate	100 in. per minute
<i>Finishing</i> - Spindle Speed	8,000-10,000 RPM
Feed Rate	40-100 in. per minute

- Data obtained using a 1/2" ball end mill

Ordering Information

Freeman Purple Machinable Wax is available exclusively through its own dedicated website at www.machinablewax.net

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