

Thermoset Plaques and Military Specs

Ci-Dell Plastics sells plaques molded from Thermoset Composites that meet Spec. MIL-M-14. This is a great option to consider for low volume jobs that require MIL Spec. materials. Our plaque mold is 12" x 12" with the capability to vary the wall thickness from .075" thru 1.75".

SCOPE

This specification covers the basic properties of molding compounds, as such, and the methods suited to their satisfactory determination. The appendix covers requirements for parts molded from such compounds, together with procedures for inspection of such parts.

CLASSIFICATION

Molding thermosetting plastic compounds shall be of the following types, as specified (see 6.2 and 40.3.3). Contact us if you do not see the material type listed.

Military Spec M-14 Type Plaques

BMC Resin

Type MAI-30; 60 MAT-30
1212.5001412

Type MAI-60
1212.500620M

Type MFH
Mineral filler, heat-resistant
1212.50006553

Dially Ortho Phthalate (DAP) Resin

Type GDI-30F
1212.500D62

Type SDG-F
1212.500D72

Type SDI-30
1212.500D73

Phenolic Resin

Type CFG
Cellulose filler, general purpose
1212.5004548

Type CFI-5
Cellulose filler, impact resistant;
nominal impact strength,
0.6 foot-pounds per inch notch
1212.5007321

Type CFI-20
Cellulose filler, impact resistant;
nominal impact strength,
2.0 foot-pounds per inch notch
1212.5007700P

Type GPI-100
Glass fiber filler, impact-resistant;
nominal impact strength,
10.0 foot-pounds per inch notch
1212.500GF7200L12

Melamine Resin

Type CMG
Cellulose filler, general purpose

Epoxy Resin

Type GEI-5
1212.500E484