



IPC-TM-650 TEST METHODS MANUAL

1 Scope This method is designated for use in determining the ease of machining of plastic materials and the effect of such machining on the cutting tools and plastic.

2 Applicable Documents None

3 Test Specimen

3.1 Any rigid printed wiring material on a finished board (conventional, multilayer or flush)

4 Apparatus

4.1 All typical production machine tools normally used in the fabrication of finished printed wiring boards

Number 2.4.7	
Subject Machinability, Printed Wiring Materials	
Date 7/75	Revision A
Originating Task Group N/A	

5 Procedure

5.1 Machining The machining must be performed by a skilled mechanic. The technique shall be as standard as possible for all materials in order that comparisons between materials may be made.

5.2 Evaluation After machining (i.e., drilling, sawing, and machining in all directions), check for cracking, splitting, delaminating, or other adverse effects. The cutting tools should show reasonable tendency to dull, nick, or overheat.