

Tool Construction: ISMI Combustible Materials Test Report

Supplier:	Date:
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Equipment Model:

Name:	Contact info:
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Phone #:	email address:
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It is ISMI's policy that equipment constructed with combustible sheet plastic limit the quantity of sheet plastic. Sheet plastics Listed as "Non-fire-propagating" (FMRC 4910 and UL 2360 Class 1 or 2) are acceptable alternatives. (The UL 94 test methods are not acceptable for rating the flammability of sheet plastics used in the construction of equipment located in clean rooms.) The minimum requirement is provided below. If you have any questions regarding applicable materials, acceptable listings or other concerns, please contact your ESH representatives.

Total weight of combustible plastic [kg or lbs]*:	(Total from Table A)
Total footprint (area) of the tool [sq.m. or sq.ft.]:	
Metric (Weight/Area):	

(Minimum Requirement < 1 lb./sq.ft. or 5 kg/sq.m.)

*Plastics meeting the FMRC 4910 or UL 2360 Class 1 or 2 Fire Test Protocols (i.e. sheet plastic Listed as non-fire-propagating) need not be included in the total weight of combustible plastics. The UL 94 test method materials must be included in the weight of combustible plastics listed in Table A.

Please use Table A for tabulating any sheet plastics that do not have FMRC 4910 or UL 2360 (Class 1 or 2) Listings. Small molded parts, plumbing and wiring insulation are not considered:

TABLE A	Material #1	Material #2	Material #3	Material #4
Material				
Weight-Total (lbs. or Kg.)				
Applicable Test Data or other Relevant Flammability Data: May include UL-94V, ASTM E84, etc.)				

Total Weight of Materials in Table A: _____

Please use Table B for tabulating any noncombustible sheet (optional) or sheet plastics that have FMRC 4910 or UL 2360 (Class 1 or 2) Listings. Also tabulate PVDF, PTFE, PFA, and PEEK materials on this table regardless of Listings.

TABLE B	Material #1	Material #2	Material #3	Material #4
Material				
Weight- Total (lbs. or Kg.)				

Applicable Listing: FMRC 4910 or UL 2360 (Class 1 or 2). Noncombustible: N/C PEEK, PFA, PTFE and PVDF: N/A				
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