

MIXER_TAB.pdf

Line	Column (format)	Explanation of parameters
1-2	1-66 (16A4,A2)	TITLE - two line title describing problem (this title is used to identify the output listing and is also written in MF=1, MT=451 (hollerith section) of the ENDF/B formatted output to identify the composite mixture)
3	1-60 (A60)	ENDF/B input data filename (standard option ENDFB.IN)
4	1-60 (A60)	ENDF/B output data filename (standard option ENDFB.OUT)
5	1-11 (I11)	IZAOUT ZA identification for combination
	12-17 (I6)	MATOUT MAT identification for combination
	18-19 (I2)	MFOUT MF identification for combination
	20-22 (I3)	MTOUT MT identification for combination
	23-33 (I11)	Define input density = 0 – in grams > 0 – in atoms
6 - N	1-11 (I11)	IZAGET ZA (1000*Z+A) identification of material
	12-22 (I11)	MTGET MT of reaction
	23-33 (E11.4)	DENSE DENSITY of material (grams/cm ³ or atoms)
<p>The 6-th line is repeated for each section (from 2 to 10). Since the ENDF/B formatted output is in barns/atom form a minimum of two sections must be combined (i.e., if only one section is specified the output would be identical to the input and as such the program will consider this to be an error and not perform the calculation). The list of sections is terminated by a BLANK line.</p> <p>The list of sections to be combined may be specified in any order, i.e. they need not be in ZA order or the order that the evaluated data appears on the ENDF/B formatted tape.</p>		
<p>You can find DENSITY of materials (grams/cm³) using Nuclear Wallet Cards чи на сайті http://www.chemicalelements.com/</p>		