

Filament suggestions for ITER 3D printable model

	<i>Manufacturer</i>	<i>Filament type</i>
Cryostat	Fillamentum	PLA Extrafill Metallic grey
Central solenoid	Fillamentum	PLA Extrafill Green grass
TF coils	Fillamentum	PLA Extrafill Sky blue
PF coils	Fillamentum	PLA Extrafill Traffic purple
Vacuum vessel	Fillamentum	PLA Extrafill Vertigo grey
Divertor	Fillamentum	PLA Extrafill Signal red

Filament usage(g)

Sectors	1	79
	2	76
	3	78
	4	78
	5	70
	6	66
	7	67
	8	79
	9	79
Total		672

TF coils	2xa	110
	3xb	150
	3xc	150
	3xd	150
	3xe	150
	3xf	150
	1xg	50
Total		910

PF coils	1	30
	6	44
	2	47
	5	63
	3	92
	4	130
Total		406

Cryostat	Base	570
	Lower	384
	Upper	368
	Top	501
Total		1823

Divertor	18x	108
Total		108

Central solenoid	1x	113
Total		113

Total		4032
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