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DOSIMETRIC CHART

THERMOPLASTIC MASK MATERIALS

Product reference	Measured values			
	Density (g/cm ³)	Absorption Factor (AF%) (± 0,15%) 6MV (%)	15 MV (%)	Skin build-up (mm H ₂ O equiv.) (± 0,1 mm)
Efficast 1.6 mm micro	1,13	0,40	0,20	1,70
Efficast 2 mm maxi	1,13	0,40	0,20	1,70
Efficast 2 mm micro	1,13	0,45	0,25	2,20
Efficast 2.4 mm maxi	1,13	0,50	0,35	2,30
Efficast 3.2 mm maxi	1,13	0,70	0,45	2,90
Nanor 1.2 mm micro+	1,17	0,32	0,25	1,20
Nanor 1.6 mm micro+	1,17	0,46	0,32	1,60
U-Plast 1.6 mm micro	1,13	0,40	0,20	1,70
U-Plast 2 mm maxi	1,13	0,40	0,20	1,70
U-Plast 2.4 mm maxi	1,13	0,50	0,35	2,30
U-Plast 3.2 mm maxi	1,13	0,70	0,45	2,90
Hybrid (Efficast 2MA, Orfilight 16MI)	NA	0,65	0,45	3,00
Hybrid (Efficast 16MI, Nanor 12MI+)	NA	0,54	0,34	2,10
Bolus (per mm of material)	1,13	0,28	0,20	1,30
HP L-Shaped profiles (ABS)	1,13	0,73	0,53	2,40

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.



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POSITIONING HARDWARE

Product reference	Measured values			
	Density (g/cm ³)	Absorption Factor (AF%) ($\pm 0,15\%$) 6MV (%)	15 MV (%)	Skin build-up (mm H ₂ O equiv.) ($\pm 0,1$ mm)
Base plates				
12 mm thick in carbon fiber laminate - 32110, 32130, 32140, 32111, 32122, 32124	NA	0,50	0,40	2,10
12 mm thick in high pressure laminate - 35751N, 35754/6N	1,40	4,90	4,00	17,00
30 mm thick in carbon fiber laminate or glass fiber - 32301, 32150 (also the NOLS and PED versions), 32317/1, 32317/14, 32317/19	NA	1,40	1,20	4,00
30 mm thick AIO in high pressure laminate - 32204	1,40	4,90	4,00	17,00
12 mm thick in polycarbonate - 32113, 32117, 32097, 32809	1,20	4,20	3,40	14,60
Head Supports				
Low density range (in %/cm foam)	0,03	0,48	0,25	0,95
Regular density range (in %/cm foam)	0,22	0,57	0,46	1,38
Blocks and wedges				
Blocks and wedges in carbon fiber laminate	NA	0,60	0,50	2,20
Blocks and wedges in rigid PE	0,95	4-17	3-13,5	-
AIO Cushions				
Per cm of foam	0,03	0,12	0,09	0,20
Vacuum Bags				
10 mm thickness (deflated)	NA	0,20	0,20	0,58
100 mm thickness (deflated)	NA	3,20	2,00	8,73

Note: Use these numbers as a guidance only. Perform the measurements again in your department to verify these results.