

DATA SHEET COPPER FOAM

Designation	Cu-1116.10	Cu-1116.(10)05	Cu-2733.05	Cu-4753.04
Grade = number of pores / inch	11 ... 16	11 ... 16	27 ... 33	47 ... 53
Estimated average pore \varnothing mm	1.4	1.4 *	0,6	0,4
Density average gr/cm ³	0.3 ... 0.5	0.6 ... 1.0	0.4 ... 0.5	0.5 ... 0.6
Relative density (foam/solid Cu)	5,00%	9,00%	5,00%	6.5 %
Porosity (100% - rel. density)	95,00%	89,00%	95,00%	93.5 %
Estimated Specific Surface m ² /m ³	1000	2000	2800	5400
Sheet length mm	500	500	500	500
Sheet width mm	500	500	500	500
AVERAGE COMPOSITION	Symbol			
Aluminum	Al			
Carbon	C	-		
Chromium	Cr	-		
Copper	Cu	99,8%		
Iron	Fe	-		
Molybdenum	Mo	-		
Manganese	Mn	-		
Nickel	Ni	-		
Phosphor	P	-		
Zinc	Zn	-		

* Cu-1116.10 rolled back to 5 mm tickness.

Indicated poresize in sheet-direction. Reduced poresizes in thickness-direction.