

Technical data

Bronze CuSn 10

Temperature resistance: 200 °C oxidizing atmosphere / 350 °C reducing atmosphere

Filter grade	Density [g/cm ³]	Porosity [%]	Specific flow coefficient		Separation efficiency (liquid) 98 % [μm]	Porometer ø pore size [μm]	Bubble Point Pressure difference [Pa]	Shear strength [N/mm ²]	Tensile strength [N/mm ²]	Bending strength		
			laminar [m ² x10 ⁻¹²]	turbulent [m] x10 ⁻⁷						δ el [N/mm ²]	δ 0,1 [N/mm ²]	δ Breakage [N/mm ²]
B 5	6,0 - 6,4	27 - 32	1	1,5	12	3	5225	200	120	60	80	200
B 8	5,7 - 6,1	31 - 35	4	16	19	6	2425	170	105	60	70	150
B 12	5,1 - 5,9	33 - 38	6	35	28	9	1725	150	100	40	40	130
B 20	5,4 - 5,8	34 - 39	16	54	42	18	1125	140	65	25	30	90
B 40	5,2 - 5,6	36 - 41	65	120	75	34	625	110	30	15	25	40
B 80	5,0 - 5,4	39 - 43	80	200	131	55	525	90	25	15	20	35
B 120	4,9 - 5,3	40 - 44	90	250	225	70	325	80	20	10	10	25
B 150	4,7 - 5,1	42 - 47	120	300	251	90	225	60	10	10	10	25
B 200	4,5 - 4,9	44 - 49	180	400	301	105	125	40	5	5	5	10
	EN ISO 2738	DIN ISO 30911-3	DIN ISO 4022		according to ISO 4572	ASTM E1294	DIN ISO 4003	DIN ISO 30911-6	according to EN ISO 2740	according to DIN ISO 3325		

All stated values are mean values; the single values can differ according to the dimensions of the components.