

Table 1. Physical properties of porous ceramics

AIR ENTRY VALUE	BUBBLING PRESSURE (PSI)	APPROXIMATE POROSITY (% vol.)	SATURATED HYDRAULIC CONDUCTIVITY (cm/sec)	MAXIMUM PORE SIZE (µm)	FLOW THROUGH 1/4-INCH PLATE (ml/hr/cm ² /14.7 psi)
0.5 BAR (-B0.5M2)* HIGH FLOW	7 TO 9	50%	3.11 x 10 ⁻⁵	6.0	180
1BAR (-B01M3)* HIGH FLOW	19 to 28	45%	8.6 x 10 ⁻⁶	2.5	50
1 BAR (-B01M1)* STANDARD FLOW	20 to 30	34%	7.56 x 10 ⁻⁷	1.7	5.0
2 BAR (-B02M1)* STANDARD FLOW	38 to 45	32%	6.30 x 10 ⁻⁷	1.1	4.2
2 BAR (-B02M2)* HIGH FLOW	32 to 42	38%	6.93 x 10 ⁻⁷	1.3	4.6
3 BAR (-B03M1)* STANDARD FLOW	46 to 70	34%	2.5 x 10 ⁻⁷	0.7	1.6
5 BAR (-B05M1)* STANDARD FLOW	80	31%	1.21 x 10 ⁻⁷	0.5	0.7
15 BAR (-B15M1)* STANDARD FLOW	220	32%	2.59 X 10 ⁻⁹	0.16	0.015

*Part number suffix corresponding to the appropriate air entry value and mix number. See addendum page for more details.

POROUS CERAMICS

