

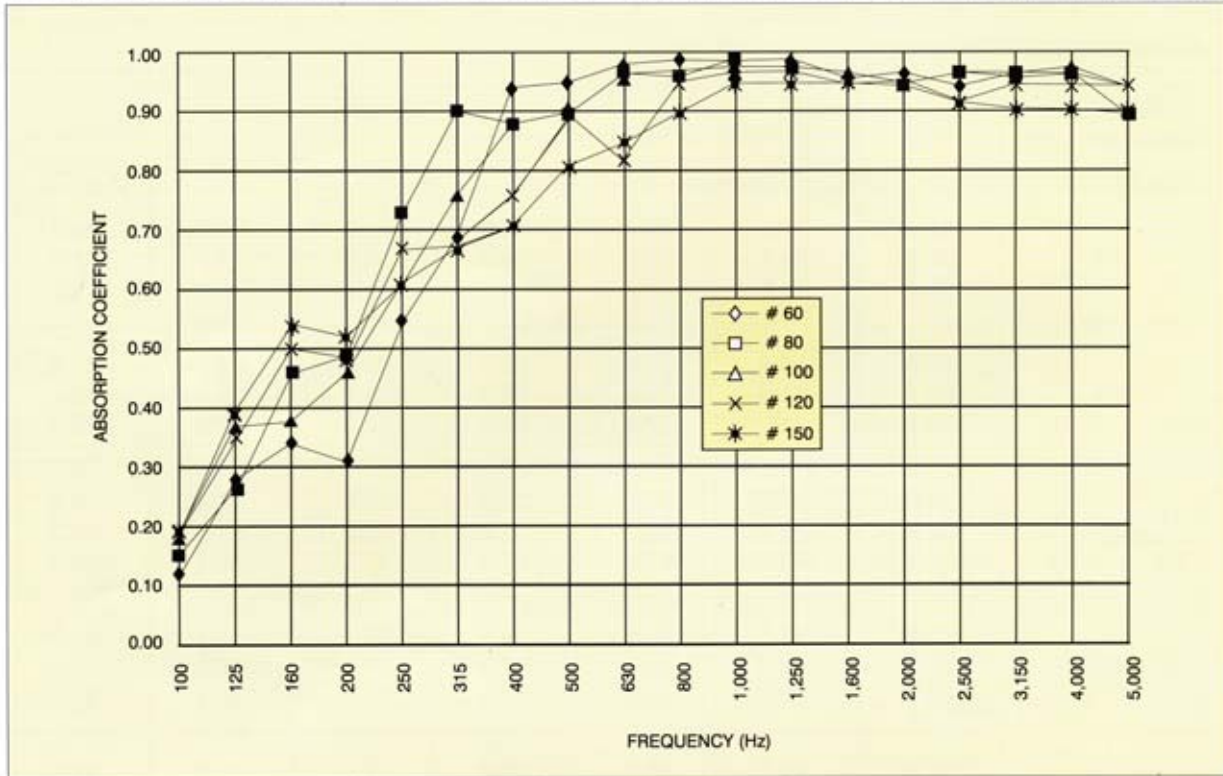
**TOMBO BRAND**

**ACCOUSTICAL PROPERTIES**



M.G. Products are highly efficient sound absorber materials.

**SOUND ABSORPTION COEFFICIENT OF MATERIAL AS THE FUNCTION OF DENSITY**



• Thickness = 50 mm

**SOUND ABSORPTION COEFFICIENT DATA**

FREQUENCY (Hz)	DENSITY (kg/m <sup>3</sup> )				
	# 60	# 80	# 100	# 120	# 150
100	0.12	0.15	0.18	0.18	0.19
125	0.28	0.26	0.37	0.35	0.39
160	0.34	0.46	0.38	0.50	0.54
200	0.31	0.49	0.46	0.48	0.52
250	0.55	0.73	0.62	0.67	0.61
315	0.69	0.90	0.76	0.68	0.67
400	0.94	0.88	0.88	0.76	0.71
500	0.95	0.90	0.91	0.89	0.81
630	0.98	0.97	0.96	0.82	0.85
800	0.99	0.96	0.97	0.95	0.90
1,000	0.99	0.99	0.98	0.97	0.95
1,250	0.99	0.98	0.98	0.97	0.95
1,600	0.96	0.96	0.97	0.95	0.95
2,000	0.97	0.95	0.95	0.96	0.95
2,500	0.95	0.97	0.97	0.92	0.92
3,150	0.97	0.97	0.96	0.95	0.91
4,000	0.98	0.97	0.97	0.95	0.91
5,000	0.95	0.90	0.95	0.95	0.91

• Test Method : ASTM C 423