



THERMAL-MOULD™ PRODUCT DATA

NAME	Alloy Description	Thermal Conductivity BTU/ft.hr.F	Rockwell Hardness	Impact, ft-lb	YS, kpsi	UTS, kpsi	Elongation, %	Coefficient of Thermal Expansion
THERMAL-MOULD™ 72H	CuBe C17200	60	C 36-42	4	155	185	6	9.7
THERMAL-MOULD™ 72L	CuBe C17200	90	C 26-32	12	140	170	10	9.7
THERMAL-MOULD™ SUPER	CuNiSiCr	90	C 26-30	5	105	125	8	9.7
THERMAL-MOULD™ 75	CuBe C17510	145	C 18-20	50	90	115	18	9.8
THERMAL-MOULD™ 180	CuNiSiCr C18000	140	B 90-98	35	75	100	12	9.7
THERMAL-MOULD™ 65X	CuAlCoFe	27	C 29	55	100	3	9
H-13	Tool Steel	15	C 45	14	185	210	15	7.1
P-20	Tool Steel	17	C 30	25	110	140	20	7.1
QC7	Aluminum	90	B 90	30	78	85	7	12.8

THERMAL-MOULD™ IS A REGISTERED TRADEMARK OF IBC ADVANCED ALLOYS CORP.

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