QUIKLITE MW

QUIKLITE MW IS A MEDIUM WEIGHT 1200°C INSULATING CASTABLE.THIS PRODUCT CAN BE HEATED WITHOUT THE TRADITIONAL RAMP AND HOLD HEATING SCHEDULE ALLOWING FOR DRYOUT TO BE ACHIEVED FAR FASTER THAN NORMAL CASTABLES.

CAST DATA:

MAXIMUM SERVICE TEMPERATURE (M.S.T.) (1200°C)

BULK DENSITY

@ 110°C	93 - 100	LBS/FT³	1490 - 1602	KG/M³
@ 815°C	86 - 93	LBS/FT³	1377 - 1490	KG/M³

COLD CRUSHING STRENGTH

@ 110°C	600 - 1200	P.S.I	41 - 83	KG/CM²
@ 815°C	500 - 1000	P.S.I.	34 - 69	KG/CM²

COLD MODULUS OF RUPTURE

@ 815°C	100 - 200	P.S.I.	10 - 21	KG/CM²

PERMANENT LINEAR CHANGE

@ 110 To 815°C -0.20 TO - 0.45 %

POROSITY (CAST) 43 PERCENT @ 1000°F (540°C)

CONDUCTIVITY OR "K" FACTOR

MEAN TEMP	BTU/FT²/HR/°F/IN	W/mK
@ 260°C (500°F)	2.35	0.34
@ 540°C (1000°F)	2.50	0.36
@ 815°C (1500°F)	2.90	0.42
@ 1095°C (2000°F)	3.35	0.48

TYPICAL CHEMICAL ANALYSIS (%)

AL_2O_3	SiO_2	Fe_2O_3	CaO	MgO	TiO_2	AlK
34.1	48.9	4.0	5.1	1.1	1.0	2.75

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.
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GUNNED DATA ON PAGE 2

QUIKLITE MW

QUIKLITE MW CAN ALSO BE READILY APPLIED BY GUNITE APPLICATION. DATA SHOWN ARE AVERAGE RESULTS OF TESTS FOLLOWING THE GUIDE LINES SET FORTH IN ASTM C-903-70 "PREPARING REFRACTORY CONCRETE SPECIMEN'S BY COLD GUNNING".

MAXIMUM SERVICE TEMPERATURE (M.S.T.) (1200°C)

BULK DENSITY

@ 110°C	97 - 107	LBS/FT^3	1550 - 1720	KG/M^3
@ 815°C	90 - 100	LBS/FT^3	1440 - 1600	KG/M^3

COLD CRUSHING STRENGTH

@ 815°C	700 - 1200	P.S.I.	48 - 84	KG/CM^2

COLD MODULUS OF RUPTURE

@ 815°C	150 - 250	P.S.I.	10 - 17	KG/CM^2

PERMANENT LINEAR CHANGE

@ 815°C -0.20 TO - 0.45 %

CONDUCTIVITY OR "K" FACTOR

MEAN TEMP	BTU/FT^2/HR/°F/IN	W/mK
@ 260°C (500°F)	2.60	0.37
@ 540°C (1000°F)	2.80	0.40
@ 815°C (1500°F)	3.00	0.43

PACKAGING 25 KG BAGS

POROSITY (GUNNED) 40 PERCENT @ 1000°F (540°C)

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