



# TECHNICAL DATA



## HM 28 LI C.O.

**HM 28LI C.O.** is a low iron refractory gunning mix based on hard fired alumina/silica aggregate of approximately 60 % mullite content and a low iron calcium aluminate binder, designed for Coke Oven gunning.

TYPICAL CHEMICAL ANALYSIS (%)	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>	Alk.	Other
	<b>48.6</b>	<b>42.0</b>	<b>1.1</b>	<b>6.2</b>	<b>0.1</b>	<b>1.8</b>	<b>0.1</b>	<b>0.06</b>

MATERIAL INSTALLED WEIGHT:	130	(lb/ft <sup>3</sup> )
SERVICE TEMPERATURE:	2800	°F
MAXIMUM GRAIN SIZE:	4 Mesh	(TYLER)

TEMP. °F	LINEAR CHANGE %	COLD MOR (psi)	COLD CRUSH STRENGTH (psi)	BULK DENSITY (pcf)
300	-0.2 to -0.1	600-900	----	130
2000	-0.3 to -0.4	400-500	----	133
2800	0 to -0.3	1000-1500	----	132

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), 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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