



TECHNICAL DATA

EZ CAST 3400

SELF FLOW /LOW CEMENT CASTABLE

Recommended Service Temperature..... 3400° F
 Water Required for Mixing :Self Flow..... 4.8 - 5.3%
 Material Required Per Ft3 :Self Flow 187-191 lb
 Packaging..... 55 lb bag

SELF FLOW

TEMPERATURE (°F)	BULK DENSITY (lb/ft ³)	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in ²)	COLD CRUSH STRENGTH (lb/in ²)	APPARENT POROSITY (%)	K-FACTOR ASTM C-1113 (BTU-in/hr-ft ² -°F)	ABRASION LOSS (cm ³)
220	190-194	-----	900-1500	3000- 6000	11 - 14	-----	10 - 15
1500	187-191	-0.2 to 0.0	700-1100	2000- 4000	14 - 17	20.8	18 - 23
2000	188-192	-0.2 to 0.1	1500-2000	4000- 7000	17 - 20	20.6	-----
2550	188-192	-0.2 to 0.0	4500-6000	15000-22000	17 - 20	20.3	-----
2910	190-194	-0.3 to 0.0	5800-6400	18000-24000	17 - 20	-----	-----
3000	190-194	-0.6 to 0.0	5000-9000	21000-27000	17 - 20	-----	-----

CHEMICAL ANALYSIS: (Ignited)

Al₂O₃ 98.7%
 SiO₂ Tr
 Fe₂O₃ Tr
 TiO₂ Tr
 CaO 1.1
 MgO Tr
 Alkalies 0.1

HOT MODULUS OF RUPTURE: (lb/in²)

At 2500°F 1700-2000
 At 2700°F 1300-1600

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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02/28/08 is the date that this data sheet was updated. Check with your RESOCO sales representative or RESOCO website to determine you have the current sheet