



TECHNICAL DATA

KRICON® 32-70 LOW CEMENT CASTABLE

Recommended Service Temperature Limit 3200°F
 Water Required for Mixing
 :Vibration..... 4.5 - 6.0%
 Material Required Per Ft³..... 166-170 lb
 Packaging..... 55 lb bag and bulk packaging

TEMPERATURE (°F)	BULK DENSITY (lb/ft³)	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in²)	COLD CRUSH STRENGTH (lb/in²)	APPARENT POROSITY (%)	K-FACTOR ASTM C-1113 (Btu·in/hr·ft²·°F)	ABRASION LOSS (cm³)
220	161-171	0.0 to -0.1	1800-2600	7000-13000	9 - 11	22.2	4 - 7
1500	170-174	-0.1 to -0.3	1400-2200	8000-16000	16 - 18	18.8	4 - 7
2000	170-174	-0.2 to -0.4	1400-2200	10000-16000	16 - 18	19.2	-----
2550	169-173	0.1 to 0.5	1600-2400	8000-14000	17 - 19	18.0	-----
2910	168-172	0.7 to 1.7	1200-2000	6000-11000	17 - 19	18.4	-----

CHEMICAL ANALYSIS: (Ignited)

Al₂O₃ 77.0%
 SiO₂ 18.2
 Fe₂O₃ 1.0
 TiO₂ 2.2
 CaO 1.2
 MgO 0.2
 Alkalies 0.2

HOT MODULUS OF RUPTURE: (lb/in²)

At 1500°F..... 3750-7000
 At 2000°F..... 3750-7000

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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02/05/08 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.