



Insulating Castables

Cast Data

QUIKLITE 3PC

QUIKLITE 3PC is a lightweight insulating castable that can be installed using vibration cast, pumpcast, and shotcreting methods. After the final set, this unique insulating castable can be heated without the traditional ramp-and-hold heating schedule.

Maximum Service Temperature: 2400°F (1315°C)

Bulk Density:
After 1500°F (815°C) 62 pcf (992 kg/m³)

Cold Crushing Strength:
After 1500°F (815°C) 350-650 psi (24-46 kg/cm²)

Permanent Linear Change (%):
After 1500°F (815°C) -0.1 to -0.6

Thermal Conductivity or "K" Factor:

Mean Temp.	BTU/ft ² /Hr/°F/in	W/mK
500°F (260°C)	1.5	0.22
1000°F (540°C)	1.7	0.25
1500°F (815°C)	1.8	0.26

Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	Alkalies
30.3	51.4	3.8	12.1	0.3	0.9	1.1

Standard Packaging: 50 - 50 lb. bags per pallet (bulk packaging available)

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 RESCO sales representative or RESCO website to determine you have the current sheet