



BNZ Materials, Inc.

Blazelite 26 LI AHP API 936 Compliance Data Sheet

Maximum Service Temperature	2600°F (1427°C)	
Installation Procedures	Casting	Gunning
Water, wt. %	24-26	Pre-Dampening 1 to 2 gallons Per 200 lbs
Mixing Time, minutes	3	2
Mixing Equipment	Paddle Mixer	Paddle Mixer
N-1 Gun		Feed Pressure 12 to 14 psi Nozzle Pressure 25 to 45 psi
Bulk Density, pcf		
@ 220° F	82	86
@ 1500°F	74	78
Cold Crushing Strength, psi		
@ 1500° F Typical Range	700-1500	1000-1600
Minimum	700	900
Permanent Linear Change Green to Fired @ 1500° F	-0.3	-0.3
Chemical Analysis, %		
Alumina Al ₂ O ₃	53.46	52.31
Silica SiO ₂	34.41	35.03
Ferric Oxide Fe ₂ O ₃	0.61	0.82
Titanium Oxide TiO ₂	1.12	1.03
Calcium Oxide CaO	9.25	9.36
Magnesium Oxide MgO	0.2	0.35
Alkalis Na ₂ O	0.31	0.45
Thermal Conductivity		
BTU in./hr. ft ² ° F		
Mean Temperature		
@ 500° F (260° C)	3.50	3.50
@ 750°F (400°C)	3.14	3.18
@ 1000°F (538° C)	2.91	2.96
@ 1500°F (816° C)	2.96	3.10

For Product information or sales, please contact your sales representative or the Customer Service Office at 724-452-8650 or 1-800-955-8650

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4-8-21 The physical and chemical properties of BNZ's castables represent values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Results should not be used for specification purposes. Compliance Data Sheets are available upon request to meet specifications.