SPARLITE 55 is an insulating castable that offers a high strength-to-insulation ratio at approximately 50 to 55 lb/ft. This product has low thermal conductivity and can be cast or gunned.

PHYSICAL PROPERTIES

Maximum Service Temperature

Water Required for Casting

Water Required for Predampening:

Cast

Gunite

Bulk Density, lbs/ft³

Cold Crushing Strength, psi

After Heating to 1500 °F

After Heating to 2000 °F

Modulus of Rupture, psi

After Heating to 1500 °F

After Heating to 2000 °F

Linear Change, %

After Heating to 1500 °F

After Heating to 2000 °F

Thermal Conductivity:

Mean Temp: BTU/ft²/Hr/°F/in

500 °F

1000 °F

1500 °F

Typical Chemical Analysis, %

Al₂O₃

SiO₂

CaO

TiO₂

Fe₂O₃

MgO

Alkalies

SPARLITE 55 is available in 40# bags, 1000#, and 2000# bulk bags palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE

Data shown are average results of standard ASTM tests unless otherwise noted. Results may vary subject to variations in manufacturing, testing, and installation procedures in the field.