

1679 LADLE WASH
HIGH ALUMINA COATING WITH GRAPHITE

PHYSICAL PROPERTIES

P.C.E. (ASTM C24) 35 – 36

Maximum Service Temperature 3000°F

Refractoriness test (ASTM C199): Does not flow or squeeze from joints when heated five (5) hours at 2910°F

Bond Strength, Modulus of Rupture (ASTM C198)

After Drying at 230°F 75 – 150 psi

After Heating to 1700°F 50 – 100 psi

After Heating to 2500°F 100 – 200 psi

This material is designed to resist wetting and corrosion by molten metals and slags. It is brought to the desired consistency by mixing with clean water.

Shipped dry in multi-wall, moisture proof sacks of 45 lb. net weight.

CHEMICAL ANALYSIS

Silica [SiO₂] 40.8%

Alumina [Al₂O₃] 46.1%

Titania [TiO₂] 1.8%

Iron Oxide [Fe₂O₃] 0.8%

Lime [CaO] Trace

Magnesia [MgO] Trace

Alkalies [Na₂O + K₂O] 0.5%

Ignition Loss 10.0%

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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