



KelSeal Instruction Sheet

Description:

KelSeal is an alumina-carbon, resin-bonded, joint sealant used between slide gate plates, nozzles, and SEN's around the ladle and tundish areas. It has excellent resistance to erosion by molten steel and very low permeability at steel making temperatures to prevent steel leakage and air aspiration through refractory joints. KelSeal is the original formulation for longer service time around the tundish area while KelSeal XG is formulated for shorter runs on ladles and ease of separation/clean up.

KelSeal is not classified as a hazardous material and is able to be shipped by any means worldwide.

KelSeal Tech Data*:

Binder: Organic
Specific Gravity: 2.11
Alumina Content: 81%
Carbon Content: 5%
Max Temperature: 1650°C
Color: Black
Consistency: Caulkable paste
Shelf Life: 1 year

KelSeal XG Tech Data**:

Binder: Organic
Specific Gravity: 1.92
Alumina Content: 70%
Carbon Content: 17.5%
Max Temperature: 1650°C
Color: Black
Consistency: Caulkable paste
Shelf Life: 1 year

*Test data shown are based on average results on production samples and are subject to normal variation on individual tests. Accordingly, test data cannot be taken as establishing maximum or minimum specifications. ASTM test procedures used when applicable.

**Typical analysis is based on calculations from raw material data and is adjusted for LOI in the cured state.

KelSeal Packaging: Gallon cans, 5 gallon buckets, 10.3 oz. and 29 oz. Caulking Cartridges

See MSDS information for precautions