



# KERPHALITE™ KF

## FOUNDRY SAND

Kerphalite™ KF is a mineral product based on andalusite. Kerphalite™ KF shows high refractoriness and low thermal expansion and therefore it is used as a foundry sand to prevent veining in iron and steel casting. Due to the low density and total compatibility with silica sand, Kerphalite™ KF can be used pure or blended to improve the quality of any type of casting. Kerphalite™ is suitable for all molding processes: Green Sand, Coated Sand, Chemically Bonded (whatever the binding system) and Precision Castings.

SIZE / PRESENTATION	100/400 $\mu$	200/400 $\mu$	100/300 $\mu$	100/200 $\mu$
AFS	60	50	70	100

### CHEMICAL ANALYSIS (%)

Al <sub>2</sub> O <sub>3</sub>	60,8
SiO <sub>2</sub>	38,1
Fe <sub>2</sub> O <sub>3</sub>	0,45
Na <sub>2</sub> O	0,10
K <sub>2</sub> O	0,15

### PHYSICAL PROPERTIES

Specific gravity (g/cm <sup>3</sup> )	3,1
Loose bulk density (g/cm <sup>3</sup> )	1,7
Seeger Cone	38 (1840°C)

These figures are only typical datas. Specifications/Individual. Technical data sheets are available upon request.

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