

Material data sheet K A L M E T A L L – S 600

Product description

Lining material for abrasion protection.

KALMETALL-S 600 is a highly wear-resistant hard metal composite material in the form of thin, flame-sprayed layers that are metallurgically bonded with the parent material. They are redensified after coating by hot-isostatic pressing. Ready-to-fit components are offered.

Product properties

• Chemical composition	NiCrBSi	
• Hardness	60	HRC
• Porosity	< 0,2	%
• Coating thickness	≤ 2,0	mm
• Max. application temperature	900	°C

All technical data given are approximate figures. They are the result of tests carried out with specific samples and shall not be interpreted as warranted figures for which Kalenborn assume legal liability. Technical changes as well as errors and omissions possible.

Product quality

KALMETALL-S 600 is designed to ensure at high wear resistance and corrosion resistance associated with very thin layer thickness. Due to the production process deviations of the product properties may occur. These include tolerances of size, outer appearance and surface characteristics. In addition, these may be typical characteristics of coated metallic products, such as micro-pores.

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