

K-SLURRY 521

4900

TECHNICAL DATA

LAPPING COMPOUND

Product Description and Purpose

K-SLURRY 521 is an abrasive lapping compound that has been formulated for applications to achieve thickness tolerance, flatness, surface finish, and parallelism. Grinding, lapping and polishing uses for K-Slurry 521 include medium hard metals, glass, fused silica, quartz, a wide variety of optical infrared (IR) materials, including silicon, germanium, gallium arsenide, zinc sulfide, zinc selenide, and other II-IV and II-VI materials.

Features/Benefits

A fused crystalline abrasive. Hardness on MOHS scale is 9.

Surfaces Applicable

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General Usage Directions

K-SLURRY 521 is generally used as received or can be diluted with K-SOLV 521. It can be applied by spray, brush, dip, wipe on, felt pads or rollers. It is best suited for use on high tensile strength materials, rough lapping operations, hardened gears, ball bearing grooves or lapping operations where pressure can be exerted to break down the crystals



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Physical Properties

Boiling Point: 518°
Specific Gravity (Water = 1): 1.0 - 1.6
Vapor Pressure: 0.01
% Volatile: 30-65
Vapor Density (Air = 1): N/A
Evaporation Rate (Water = 1): N/A
Solubility in Water: Emulsifiable
Appearance and Odor: Brown with a musty odor.

Caution

Keep out of the reach of children. Harmful if swallowed. Avoid contact with skin, eyes and mucous membranes. Wear rubber gloves, goggles, and protective clothing when handling product or use solution.

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