



INSULATION SPECIALTIES OF AMERICA, INC.

ISA-CP

ISA-CP (ceramic paste) consists of ceramic fibers dispersed in a slightly sticky refractory binder system. The putty-like consistency allows the material to be easily applied to most surfaces by caulking, hand forming, or troweling. The ISA-CP is capable of drying at a range of temperatures from ambient up to extreme temperature conditions. Once dried into place the ISA-CP possesses excellent resistance to molten non-ferrous metal contact while maintaining its high tensile strength.

PHYSICAL PROPERTIES

Color Before Firing	White
Color After Firing	White
Temperature Maximum	2300°F (1260°C)
Recommended Operating Temp.	2000°F (1093°C)
Percent Solids	50-60%
Wet Density (lbs/ft ³)	80-90
Dry Density (lbs/ft ³)	45-55
LOI	4-5%
Typical Shrinkage (%) 24 HRS @ 2000°F	<4%
MOR (psi) Dry (typical)	400
Molten Aluminum Wetting Resistance	Excellent

APPLICATIONS:

1. Patching Refractory Joints & Cracks
2. Patching of Vacuum Formed Ceramic Fiber Parts
3. Patching all types of Molten Non-ferrous Metal Contact Applications

Data is based on average properties and is presented for general reference only. This information should not be used for specification purposes - no warranty is expressed or implied.

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