

Carbon Conductive Paste

产品名称	Carbon Conductive Paste
公司名称	上海恩莱保贸易有限公司
价格	.00/个
规格参数	
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产品详情

Carbon Conductive Paste is a highly viscous formulation of micro-graphite in a liquid carrier (some would say "solvent", but it is not really a solvent) for the preparation of porous samples destined for x-ray analysis (EDS). For samples like paper, thin fibers and fabrics, the higher viscosity of the Carbon Conductive Paste relative to the SPI Supplies Carbon Conductive Paint, results in far less potential for artifacts due to solvent exposure and solvent "wicking" up into the sample to be studied. Of course another alternative to consider, when mounting these kinds of samples, would be the popular double sided conductive adhesive tapes, sheets, and discs.碳导电膏是在液体载体（有些人会说“溶剂”，但实际上不是溶剂）中的高粘度微石墨制剂，用于制备用于X射线分析（EDS）的多孔样品。对于纸张，细纤维和织物之类的样品，相对于SPI Supplies碳导电漆，碳导电膏的粘度更高，由于溶剂暴露和溶剂“芯吸”到待研究的样品中，因此导致伪影的可能性大大降低。当然，在安装这些样品时，可以考虑的另一种选择是流行的双面导电胶带，薄片和光盘。Conductivity considerations: Obviously, the Carbon Conductive Paste is less conductive than the SPI Supplies Silver Paste Plus. However, when used in the SEM applications, and with micromicro amps of current, the difference in conductivity between the silver paste vs. carbon paste is far less than one might otherwise expect. What we mean is, while the silver paste does give a better result, most users find the incremental improvement is less than one might expect. We do not at the present time have actual resistivity values for this product. Product purity: The Carbon Conductive Paste, while not spectroscopically pure, is nevertheless pure enough so that for most users, one does not see any impurity elements from the paste, unless the electron beam is directly focused onto the paste itself. The Carbon Conductive Paste, when analyzed for impurities, shows less than 10 ppm ash and in a majority of cases, no impurities are detectable energy dispersive spectroscopy (EDS) systems. We consider the critical impurities in this kind of product, from a production standpoint, to be silicon and sulfur and we can report that both are below the 10 ppm level. Other impurities, so far as we can determine, are all at or below ppm levels in the single digits.