

**Peltron®**

<b>Product Name</b>	<b>XJK-0496</b>
<b>Product Category</b>	Conductive Paste for Circuit/Electrode
<b>Usage</b>	Biosensor, Small Components Electrode
<b>Function</b>	One Component Type, Flexible, Bending Resistant, Long Potlife

Item	Condition	Unit	Typical Value
<b>Liquid Feature</b>			
<b>Ag/AgCl ratio</b>	—	%	50:50
<b>Recommended Substrate</b>	—	—	PET, GLASS
<b>Viscosity</b>	Brookfield HBT/H-7/20rpm/25°C	Pa·s	400 (Viscosity can be adjusted)
<b>Diluent</b>	—	—	Pelnox's Diluent D-6059
<b>Storage Stability</b>	Unopen / storage at 0~10°C	—	Six months
<b>Cured Film Feature</b>			
<b>Color</b>	visual	—	Silver
<b>Recommended Curing Condition</b>	Heat air circulation oven	—	130°C-20minutes
<b>Volume Resistivity</b>	130°C-20minutes cure	Ω·cm	$1.4 \times 10^{-4}$
<b>Surface Resistivity</b>	130°C-20minutes cure	mΩ/sq(25μm)	170
<b>Pencil hardness</b>	—	—	2B
<b>Characteristics</b>	Conductive silver chloride paste for screen printing. Main applications are biosensors/medical electrodes. Since it has flexibility, it does not peel off even when applied to soft base materials and bent.		

The above values are typical and not specification



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