

Peltron®

Product Name	XJK-0497
Product Category	Conductive Paste for Circuit/Electrode
Usage	Biosensor, Small Components Electrode
Function	One Component Type, Flexible, Bending Resistant, Long Potlife

Item	Condition	Unit	Typical Value
Liquid Feature			
Ag/AgCl ratio	—	%	40:60
Recommended Substrate	—	—	PET, GLASS
Viscosity	Brookfield HBT/H-7/20rpm/25°C	Pa·s	155 (Viscosity can be adjusted)
Diluent	—	—	Pelnox's Diluent D-6059
Storage Stability	Unopen / storage at 0~10°C	—	Six months
Cured Film Feature			
Color	visual	—	Silver
Recommended Curing Condition	Heat air circulation oven	—	130°C-20minutes
Volume Resistivity	130°C-20minutes cure	Ω·cm	2.4×10^{-4}
Surface Resistivity	130°C-20minutes cure	mΩ/sq(25μm)	190
Pencil hardness	—	—	2B
Characteristics	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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