

Peltron[®]

Product Name	XJK-0495
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	—	%	60:40
Recommended Substrate	—	—	PET, GLASS
Viscosity	Brookfield HBT/H-7/20rpm/25°C	Pa·s	530 (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	8.0×10 ⁻⁵
Surface Resistivity	130°C-20minutes cure	mΩ/sq(25μm)	90
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



PELNOX, LTD.

Tokyo Sales Office 3-7-2, Nihonbashi-Honcho, Chuo-ku, Tokyo, 103-0023, Japan
 TEL : 81-3-5645-3782 FAX : 81-3-5645-3784

R&D Center 8-7, Bodai, Hadano-shi, Kanagawa, 259-1302, Japan
 TEL : 81-463-86-8001 FAX : 81-463-86-8022