

# SGP-BL20

For transparent conductive coating solution with PET, PE film

## # Features

- Excellent conductivity & Dissipative activity( $10E4-6\Omega/\square$ )
- Good transmittance :  $> 95\%$
- Good heat stability( $>300^{\circ}C$ ) & long durability.

## #Test results

- SGP-BL20(with IPA) Bar coated on the polyethylene terephthalate(PET) film

Properties		Unit	Value	Method
Surface resistance		$\Omega/\square$	$10E4-5$	ASTM D257
coating condition	application		$6-7g/M2$	
	drying time		$80-90^{\circ}C/1min$	
Surface resistance after abrasion		$\Omega/\square$	$5 \times 10E6$	ASTM D257 ASTM D613
Transmittance		%	$>95$ (photometer 550nm)	ASTM D1003
Elongation		%	200	ASTM D638
Permanence	DI water	Surface resistivity	No Change	ASTM D543
	IPA		$10E11$	ASTM D543
	Hexane		$10E11$	ASTM D543
Cleanliness Ionic Contamination	Cl-	$\mu g/cm2$	0.00059	Ion Chromatography
	Br-		0.00001	Ion Chromatography
	NO3-		0.00011	Ion Chromatography
	PO4-		0.00014	Ion Chromatography
	SO4 2-		0.00047	Ion Chromatography

(値は代表値であり、保証値ではありません。)

## #How to use

SGP-BL20 : 100g  
Isopropyl Alcohol : 100g

## #Storage condition

•  $15\sim 25^{\circ}C$  Dark and cool space

# 固型分 1.98%

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