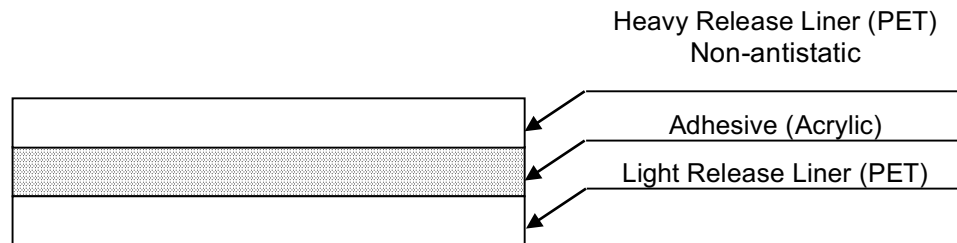


# Optically Clear Adhesive Tape LDC506

- Low dielectric constant
- Good reliability
- After-UV “NOT” required
- Acid free

## 1. Product Structure



## 2. Dimension Characteristics

ITEM		Unit	LDC506	Test Method
Thickness	Heavy Release Liner	μm	100	JIS Z0237
	Adhesive		150	
	Light Release Liner		75	

# Optically Clear Adhesive Tape

## LDC506

### 3. Performance Characteristics

ITEM		Unit	LDC506	Test Method
Dielectric Constant 100kHz	23°C	-	<b>3.0</b>	JIS C2138 *3
Peel adhesion 180° to Glass	After 24Hrs	N/25mm	<b>33</b>	JIS Z0237
Release Liner 180° peeling force	Light side	N/50mm	<b>0.15</b>	
	Heavy side		<b>0.52</b>	
Initial optical characteristics (Including Glass)	Transmittance	%	<b>92.0</b>	JIS K7361-1
	Haze	%	<b>0.32</b>	JIS K7136
	L*	-	<b>96.78</b>	JIS Z8729
	a*	-	<b>-0.04</b>	
	b*	-	<b>0.27</b>	

\*1: The specifications may be revised.

\*2: The test data shown is measured value at NTAC, not guaranteed in all application.

\*3: Impedance meter Solartron SI1260 1V.

# Optically Clear Adhesive Tape LDC506

ITEM		Unit	LDC506	Test Method
Optical characteristics after 85°C*240Hrs (Including Glass)	Transmittance	%	<b>91.89</b>	JIS K7361-1
	Haze	%	<b>0.56</b>	JIS K7136
	L*	-	<b>96.66</b>	JIS Z8729
	a*	-	<b>-0.08</b>	
	b*	-	<b>0.52</b>	
Optical characteristics after 60°C 95%*240Hrs (Including Glass)	Transmittance	%	<b>91.72</b>	JIS K7361-1
	Haze	%	<b>0.38</b>	JIS K7136
	L*	-	<b>96.72</b>	JIS Z8729
	a*	-	<b>-0.09</b>	
	b*	-	<b>0.48</b>	
Optical characteristics after QUV (Including Glass)	Transmittance	%	<b>91.73</b>	JIS K7361-1
	Haze	%	<b>0.46</b>	JIS K7136
	L*	-	<b>96.77</b>	JIS Z8729
	a*	-	<b>-0.07</b>	
	b*	-	<b>0.61</b>	

\*1: The specifications may be revised.

\*2: The test data shown is measured value at NTAC, not guaranteed in all application.