

— Impregnation Adhesive for Laminated Core —

# Lay Seal160

The Lay Seal 160 Series is a solvent-free acrylic impregnation adhesive for laminated cores, reducing vibration, eddy current, and hysteresis losses. Its low viscosity ensures nearly 100% gap filling and strong adhesion.

## Feature

- ◎ It is a 100% reactive (solvent-free) type.
- ◎ It is a low-viscosity acrylic adhesive. The processing method is not restricted.
- ◎ Vacuum impregnation allows the liquid to penetrate deeply into the laminated core, ensuring adhesion.
- ◎ It has excellent storage stability at room temperature, with no cooling equipment required.

## Properties

Item	Value
Main component	(Meth) Acrylic acid ester
Appearance	Light yellow ~ transparent liquid
Density g/cm <sup>3</sup> (25°C)	1.06~1.08
Viscosity mPa · s (25°C)	20~25

## Performance

Item	Result	Test Method
Tensile shear strength test	20 Mpa or more	In accordance with JIS K 6850, test speed: 1 mm/min, specimen size: 25 × 100 mm
Coefficient of linear expansion	$1.65 \times 10^{-4} / ^\circ\text{C}$	JIS K 7197
Decomposition Temperature	280 °C	TG-DTA
Heat Resistance	200 °C	Continuous Heat Resistance Test

## How to use

The recommended process for Lay Seal 160 is as follow.



## Handling Precautions

- Please be sure to read the Safety Data Sheet (SDS) before handling this product.
- Keep away from open flames.
- Store in a cool, dark place away from direct sunlight.
- Handle in a well-ventilated area.
- Wear appropriate protective equipment to prevent contact with eyes, skin, and clothing.
- Thoroughly wash your hands, face, and any exposed skin after handling.

## Packing style

Lay Seal 160 : NET15kg (Lamiclean can)