

— Impregnation Adhesive for Laminated Core —

Lay Seal150 series

The Lay Seal 150 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	Lay Seal 150	Lay Seal 153	Lay Seal 155
Main component	(Meth) Acrylic acid ester		
Appearance	Light yellow ~ transparent liquid		
Density g/cm ³ (25°C)	1.06~1.08	1.06~1.08	1.07~1.10
Viscosity mPa · s (25°C)	10~15	10~15	15~20

Performance

Item	Lay Seal 150	Lay Seal 153	Lay Seal 155
Tensile shear strength test	3~10 MPa	5~10 MPa	10~15 MPa
Coefficient of linear expansion	$1.79 \times 10^{-4} / ^\circ\text{C}$	$1.75 \times 10^{-4} / ^\circ\text{C}$	$1.79 \times 10^{-4} / ^\circ\text{C}$
Decomposition Temperature	210 °C	220 °C	220 °C
Heat Resistance	170 °C	180 °C	180 °C

How to use

The recommended process for Lay Seal 150 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

Main agent : Lamiclean can
 Hardening agent : Lamizip