

FLUOROJU™ LG

■ Characteristics

1. Superior flame resistance

– Oxygen-threshold index:66%(Thickness of film is 0.5mm) But this value is measured one, not guaranteed one.

2. Good adhesion with glass.

– Special surface treatment enables to have adhesion that are equal to the conventional middle membrane made of Modified EVA or PVB (Polyvinyl butyral).

3. Good transparency

– It has good transparency comparable to middle membrane made of Modified EVA and PVB (Polyvinyl butyral).

4. Has good flexibility

– It has better flexibility than that of conventional fluorine plastics.

■ Applications

1. Middle membrane for fire-proof safety glass

2. Middle filler for module of Solar cell

■ Specifications

Thickness	0.1mm ~ 0.6mm
Width	~ 1250mm
Length of roll	Responsible to consultation

Please consult with us for other sizes.

■ Physical properties

Test Items	Test method	Unit	Value
Melting point	JIS K 7121	°C	119
Total light transmission	JIS K 7105	%	96
Reflection coefficient	JIS K 7105	%	1.362
Tensile strength	JIS K 7127	MPa	27
Elongation break	JIS K 7127	%	690
Tensile modulus	JIS K 7127	MPa	69

*Test film; 0.2mm (thickness), flat film without embossing.

**The values mentioned above are measured ones but not guaranteed ones.

■ Important Safeguards

Directions for safe use are prepared for the purpose of maintaining the safety of customers and your clients and property. The products carrying warning and caution, read following details.



If mishandle this product in defiance of this sign, you may have a risk of death or serious injury.

- Absolutely do not implant, insert in the body.
- Never use for any applications for which the material will be left in the body.
- In case of using for medical devices, foodstuff, other special purpose applications, please test and make certain that you can do so safely.



If this product is mishandled in defiance of this sign, you may have a risk of serious injury and property damage.

- If it is heated above 260°C, a compound will be formed by thermal decomposition which may prompt Polymer-fume fever syndrome. So if there is a possibility that the material is heated above 260°C, it is recommended that you wear toxic proof mask or airline type mask. If cigarette contaminated with this material is smoked, the same syndrome may occur. Wash your hands after the work.
- It'll be irritant to someone handling without gloves. We suggest using lint-free (less waste from thread, long textile) gloves.
- For static electricity protection, neutralize by grounding or static-ion in case of necessity. It'll prevent the person from ill-feeling or collecting dust.
- Prior to disposal of the products, scrap-piece of material, and fabricating subjects, confirm to the law concerning waste-disposal and janitorial work. When and if material or waste is disposed of, entrust approved industrial waste-disposal service firm or city's Sanitation Bureau.
- The burning of waste requires a refuse incinerator confirming to the anti-air pollution laws and regulations.