

LG EVA EP28025

Ethylene Vinyl Acetate Copolymer

Applications

- Photovoltaic Encapsulant Sheet
- Hot Melt Adhesive

Performance

- Uniform VA Contents and MI
- Excellent optical property
- Low Gel level and strict contaminant control
- Good adhesion property in the solar module

Typical properties

Characteristics	Test Method	Unit	Value
Physical⁽¹⁾			
VA Contents	LG Chem. Method	%	28
Density	ASTM D1505	g/cm ³	0.951
MI	LG Chem. Method ⁽²⁾	g/10min	25
Mechanical⁽³⁾			
Tensile Strength at Break	ASTM D638 ⁽⁴⁾	Mpa	9.5
Elongation at Break	ASTM D638 ⁽⁴⁾	%	850
Hardness			
Shore hardness(Shore A)	ASTM D2240	-	76
Thermal			
Melting Temperature	LG Chem. Method	°C	69

(1)The properties data in this table are typical values, and not guaranteed specification.

(2) Based on ASTM D1238

(3) Typical resin property values are measured on a standard compression molded specimens

(4) Speed of 500 mm/min.

Processing information

- **EP28025** may be processed on conventional equipment.

For additional sales, order and technical assistance

Revised : 31/08/2017

Head office PO Division, LG Chem Ltd.
Yeouido P.O.Box 672, 21st floor LG Twin Tower,
Yeouido-daero 128, Yeongdeungpo-gu Seoul, Korea.
Tel. 82-2-3773-3801

PO TS Polyolefin Technical Service Team
188, Munjiro, Yuseong-gu, Daejeon, 34122, Korea.
Tel. 82-42-722-5072

Page 1 of

The information contained herein, including, but not limited to, data, statements and typical values, are given in good faith. LG Chem makes no warranty or guarantee, expressed or implied, (i) that the result described herein will be obtained under end - use conditions, or (ii) as to the effectiveness or safety of any design incorporating LG Chem materials, products, recommendations or advice. Further, any information contained herein shall not be construed as a part of legally binding offer. Especially, the typical values should be regarded as reference values only and not as binding minimum values. Each user bear full responsibility for making its own determination as to the suitability of LG Chem's materials, products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating LG Chem material or products will be safe and suitable for use under end - use conditions. The data contained herein can be changed without notice as a result of the quality improvement of the products."



LG EVA EP28025

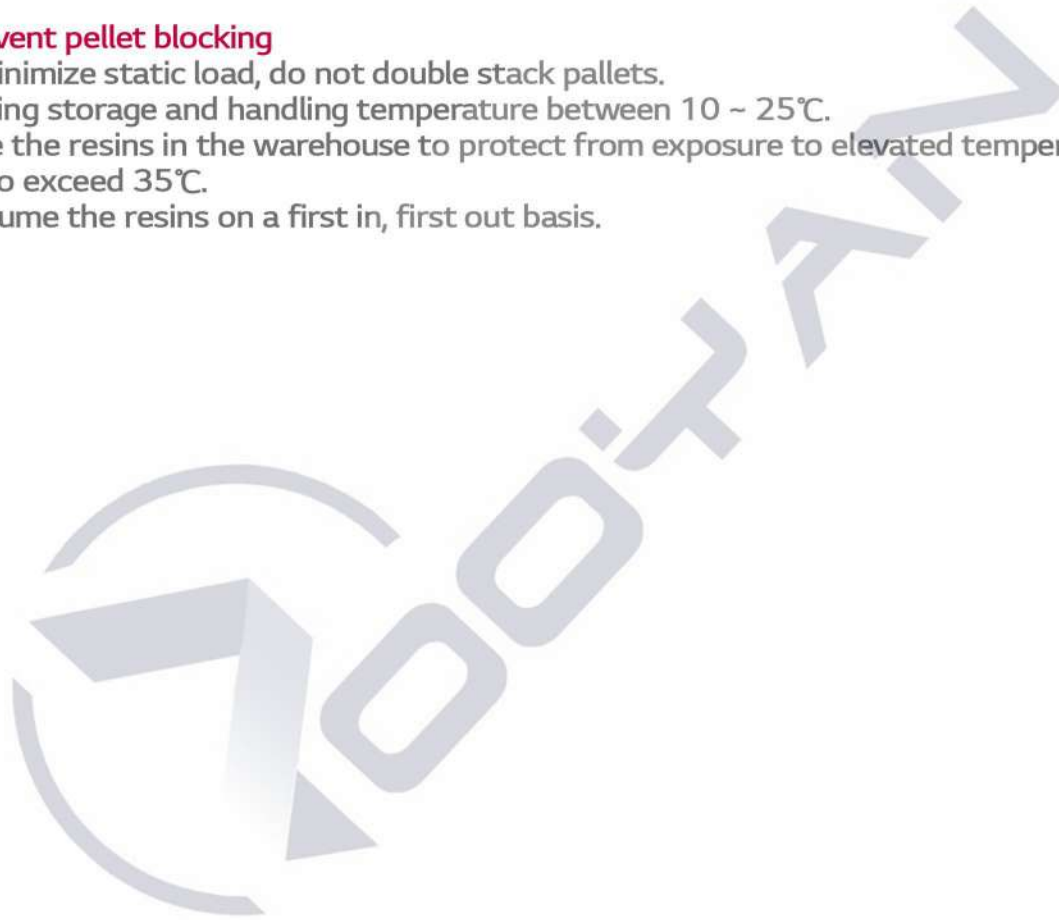
Ethylene Vinyl Acetate Copolymer

Storage and handling Recommendations

Ethylene Vinyl Acetate Copolymers are available in free-flowing pelletized form designed for use in conventional polymer fabrication systems.

Ethylene Vinyl Acetate Copolymer storage and handling of these product is extremely important for the products to remain flowable for transport and processing without pellet blocking.

- **To prevent pellet blocking**
 - To minimize static load, do not double stack pallets.
 - Keeping storage and handling temperature between 10 ~ 25°C.
 - Store the resins in the warehouse to protect from exposure to elevated temperature which is not to exceed 35°C.
 - Consume the resins on a first in, first out basis.



For additional sales, order and technical assistance

Revised : 31/08/2017

Head office PO Division, LG Chem Ltd.
Yeoui-do P.O.Box 672, 21st floor LG Twin Tower,
Yeoui-daero 128, Yeongdeungpo-gu Seoul, Korea.
Tel. 82-2-3773-3801

PO TS Polyolefin Technical Service Team
188, Munjiro, Yuseong-gu, Daejeon, 34122, Korea.
Tel. 82-42-722-5072

The information contained herein, including, but not limited to, data, statements and typical values, are given in good faith. LG Chem makes no warranty or guarantee, expressed or implied, (i) that the result described herein will be obtained under end - use conditions, or (ii) as to the effectiveness or safety of any design incorporating LG Chem materials, products, recommendations or advice. Further, any information contained herein shall not be construed as a part of legally binding offer. Especially, the typical values should be regarded as reference values only and not as binding minimum values. Each user bear full responsibility for making its own determination as to the suitability of LG Chem's materials, products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating LG Chem material or products will be safe and suitable for use under end - use conditions. The data contained herein can be changed without notice as a result of the quality improvement of the products.

