

# EA28400

## Ethylene Vinyl Acetate Copolymer

### Applications

- Hot Melt Adhesive

### Performance

- Uniform VA Contents and MI
- Excellent compatibility with other raw material of HMA
- Good organoleptic property

### Typical properties

Characteristics	Test Method	Unit	Value
<b>Physical<sup>(1)</sup></b>			
VA Contents	LG Chem. Test Method	%	28
Density	ASTM D1505	g/cm <sup>3</sup>	0.945
MI	LG Chem. Test Method <sup>(2)</sup>	g/10min	400
<b>Mechanical<sup>(3)</sup></b>			
Tensile Strength at Break	ASTM D638 <sup>(4)</sup>	Mpa	2.0
Elongation at Break	ASTM D638 <sup>(4)</sup>	%	900
<b>Hardness</b>			
Shore hardness(Shore A)	ASTM D2240	-	68
<b>Thermal</b>			
Melting Temperature	LG Chem. Method	°C	68

(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 50 mm/min.

### Processing information

- **EA28400** may be processed on conventional equipment.

For additional sales, order and technical assistance

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

**TS&D** **Tech Center**  
188, Munji-ro, Yuseong-gu, Daejeon, 34122, Korea.  
Tel. 82-42-722-5071

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## 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.

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