

# LG EVA ES28005

Ethylene Vinyl Acetate Copolymer

LG Chem Ltd.

**PROSPECTOR**<sup>®</sup>

www.ulprospector.com

## Technical Data

### Product Description

#### Applications

- Foam Compound

#### Performance

- Uniform VA Contents and MI
- strict contaminant control
- Excellent mechanical properties

### General

#### Material Status

- Commercial: Active

#### Literature <sup>1</sup>

- [Technical Datasheet \(English\)](#)

#### Search for UL Yellow Card

- [LG Chem Ltd.](#)

#### Availability

- Asia Pacific
- Europe
- Latin America
- North America

#### Uses

- Foam

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.951 g/cm <sup>3</sup>	0.951 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0 g/10 min	5.0 g/10 min	ASTM D1238
Vinyl Acetate Content	28.0 wt%	28.0 wt%	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>3</sup> (Break)	1960 psi	13.5 MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	800 %	800 %	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	79	79	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	115 °F	46.0 °C	Internal Method
Melting Temperature	162 °F	72.0 °C	Internal Method

### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

<sup>3</sup> 20 in/min (500 mm/min)



## LG EVA ES28005

Ethylene Vinyl Acetate Copolymer

LG Chem Ltd.

# PROSPECTOR®

[www.ulprospector.com](http://www.ulprospector.com)

### Where to Buy

---

#### Supplier

##### LG Chem Ltd.

Englewood Cliffs, NJ USA

Telephone: 201-816-2302

Web: <http://www.chemwide.com/>

---

#### Distributor

##### Chase Plastic Services, Inc.

*Chase Plastics Services is a North American distributor with representatives throughout the region. Please find your rep here: <http://www.chaseplastics.com/contact/locations>*

Telephone: 800-232-4273

Web: <http://www.chaseplastics.com/>

Availability: North America

##### Southland Polymers

*Southland Polymers - Full Service Engineering and Commodity Resin Distribution Since 1979*

Telephone: 562-921-0444

Web: <http://www.southlandpolymers.com/>

Availability: Central America, North America, South America

