

LVE810

Ethylene Vinyl Acetate (EVA)



Description

LVE810 is an ethylene vinyl acetate made in LyondellBasell(Tubular) process for solar cell encapsulants application. This grade is designed for sheet molding and had excellent transparency and adhesion.

Characteristics

- Good transparency
- Excellent adhesion
- Low gels

Applications

- Solar cell encapsulant sheet

Properties

Typical Properties		Test Method		Nominal Value	Unit
Physical Properties	Melt Index (190°C, 2.16kg)	ASTM	D1238	25	g/10min
	Density	ASTM	D1505	0.948	g/cm ³
	VA Content	Lotte	Chemical	28	%
Mechanical Properties	Tensile Strength at Break	ASTM	D638	100	kgf/cm ²
	Elongation at Break	ASTM	D638	890	%
	Hardness (Shore D)	ASTM	D2240	22	-
	VICAT Softening Point	ASTM	D1525	38	°C
	Crystallization Temperature	ASTM	D3418	49	°C
	Melting Point	Lotte	Chemical	70	°C

• NOTE : these are not to be construed as specifications

*DISCLAIMER : THIS DOCUMENT (INCLUDING ANY ENCLOSURES AND ATTACHEMENTS) HAS BEEN PREPARED FOR THE EXCLUSIVE USE AND BENEFIT OF THE ADDRESSEE(S) AND SOLELY FOR THE PURPOSE FOR WHICH IT IS PROVIDED. LOTTE CHEMICAL MAKES NO WARRANTY OR REPRESENTATION WHATSOEVER, EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH RESPECT TO THIS DOCUMENT OR ANY INFORMATION HEREIN; AND LOTTE CHEMICAL ASSUMES NO LIABILITY WHATSOEVER WITHOUT LIMITATION WITH RESPECT TO ANY DAMAGES INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES.

