

EVA Film for Solar Cell Technology Status and Market Forecast (2010~2015)

<https://marketpublishers.com/r/E0C2496F403EN.html>

Date: February 2011

Pages: 200

Price: US\$ 3,990.00 (Single User License)

ID: E0C2496F403EN

Abstracts

How does the EVA market move depending on supply/demand storage of resin and rises of national oil price?

Basic characteristics and properties of PV EVA resin & sheet

Test for major properties of EVA sheet

Includes information on approximately 40 companies (EVA resin, EVA sheet, lamination) and value chain.

Production forecast of resin and sheet and Market analysis based on module production

The production for EV sheet is expected to be about 865,000 ton due to the globally extension of installation. However, this large amount of EV production depends on EVA resin production.

This report covers not only EVA sheet but also in-depth resin. Moreover, it includes the core theory about EVA sheet, which is used for PV encapsulate, technology, process and market forecast&analysis with supply-demand relation.

Contents

1. PV TECHNOLOGY

1.1. INTRODUCTION TO PV

2. PV MODULE MANUFACTURING PROCESS

2.1. CRYSTALLINE SOLAR CELL MODULE TECHNOLOGY

2.1.1. Cell Selection

2.1.2. Tabbing & String

2.1.3. Module Setting

2.1.4. Lamination

2.1.5. Appearance Check

2.1.6. Assembly

2.1.7. Performance Test

2.2. SILICON THIN FILM SOLAR CELL MODULE TECHNOLOGY

3. EVA PRODUCTION TECHNOLOGY

3.1. EVA RESIN

3.1.1. The definition of EVA resin

3.1.2. Structural factors affecting EVA Properties

3.1.3. Properties according to the VA contents

3.2. EVA SHEET

3.2.1. The definition of EVA sheet

3.2.2. The roles and conditions of EVA sheet

3.2.3. Classification of EVA sheet

3.2.4. Mechanism of EVA sheet

3.2.4.1. Gelation mechanism of EVA

3.2.4.2. Adhesion mechanism of EVA

3.2.4.3. Degradation mechanism of EVA

3.2.5. EVA sheet Manufacturing Process

3.2.5.1. Raw material

3.2.5.2. Manufacturing process of sheet

3.2.6. Major required characteristics of EVA sheet and Tests

3.2.6.1. Climatic Tests

3.2.6.2. Physical Tests

3.2.6.3. Gel Content Measurement

3.2.6.4. Transmittance test

4. RELATED COMPANY TREND

4.1. EVA RESIN COMPANY TREND

4.1.1. South Korea

4.1.1.1 SAMSUNG total

4.1.1.2 HPC (Honam PC)

4.1.1.3 Hanwha chemical

4.1.2. Japan

4.1.2.1 Tosoh

4.1.2.2 Sumitomo

4.1.2.3 Toray AMK

4.1.2.4 Dupont-Mitsui Polychemicals Co. Ltd

4.1.2.5 TPC

4.2. EVA SHEET COMPANY TREND

4.2.1. South Korea

4.2.1.1 Hanwha L&C

4.2.1.2 SKC

4.2.1.3 Dongwoo Fine Chem.

4.2.1.4 S-polytech

4.2.1.5 Jinheong

4.2.1.6 HSI

4.2.2. Japan

4.2.2.1 Bridge Stone

4.2.2.2 Mitsui Chemicals & Mitsui Chemicals Fabro

4.2.2.3 Sanvic

4.2.2.4 Sumitomo

4.2.2.5 C.I. Kasei

4.2.2.6 Kurabo

4.2.2.7 Kaneka

4.2.2.8 DNP

4.2.2.9 Kuraray

4.2.3. China

4.2.3.1 Hangzhou First

4.2.3.2 HiUV

4.2.3.3 Ruiyang Photovoltaic

4.2.4. U.S.A

4.2.4.1 STR

4.2.4.2 Dupont

4.2.5. Others

4.2.5.1 Solutia

4.3. LAMINATOR COMPANY TREND

4.3.1. Nisshinbo mechatronics

4.3.2. NPC

4.3.3. SFA

4.3.4. Spire Corp.

4.3.5. 3S Swiss Solar

4.3.6. TopTech

4.3.7. Aron

5. EVA MARKET FORECAST

5.1. WORLDWIDE MARKET FORECAST

5.1.1. Worldwide PV Market State (2006~2010)

5.1.2. Worldwide Solar Cell Market Forecast (2008~2015)

5.1.3. EVA sheet Demand Forecast (2008~2015)

5.1.4. EVA sheet Price Market Forecast (2008~2015)

5.2. KOREA MARKET FORECAST

5.2.1. Korea PV Production Forecast (2008~2015)

5.2.2. EVA sheet Demand Forecast (2008~2015)

5.3.3. EVA sheet Market Forecast (2008~2015)

5.3. EVA RESIN PRODUCTION FORECAST (2008~2015)

5.4. EVA SHEET PRODUCTION FORECAST (2008~2015)

5.5. VALUE CHAIN

5.5.1. EVA resin & EVA sheet & Module value chain

5.5. EVA SHEET DEMAND&SUPPLY FORECAST

5.4. EVA SHEET PRICE FORECAST

5.5. WORLDWIDE EVA SHEET FOR PV MANUFACTURERS

5.6. MANUFACTURERS BY COUNTRY

5.7. KOREA PV EVA SHEET MARKET SHARE

5.8. CHINA PV EVA SHEET MARKET SHARE

6. INDEX

6.1 FIGURE

6.2 TABLE

I would like to order

Product name: EVA Film for Solar Cell Technology Status and Market Forecast (2010~2015)

Product link: <https://marketpublishers.com/r/E0C2496F403EN.html>

Price: US\$ 3,990.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E0C2496F403EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970