



Fact Sheet

DuPont Photovoltaic (PV) Solutions

DuPont offers the broadest portfolio of technologies to the photovoltaic solar market, with a number of key materials used to make solar cells and modules. The company is manufacturing, or conducting research on, solar energy products at several sites in the United States, as well as in the United Kingdom, Switzerland, China and Japan. DuPont has made a corporate commitment to have at least 10 percent of its power produced by renewable energy sources by 2010, some of which will be supplied through the installation of systems with solar generation. Today, more than five percent of the company's power is produced by renewable energy sources. Solar panels convert light into electrical energy through the use of photovoltaic solar cells. The cell assemblies are



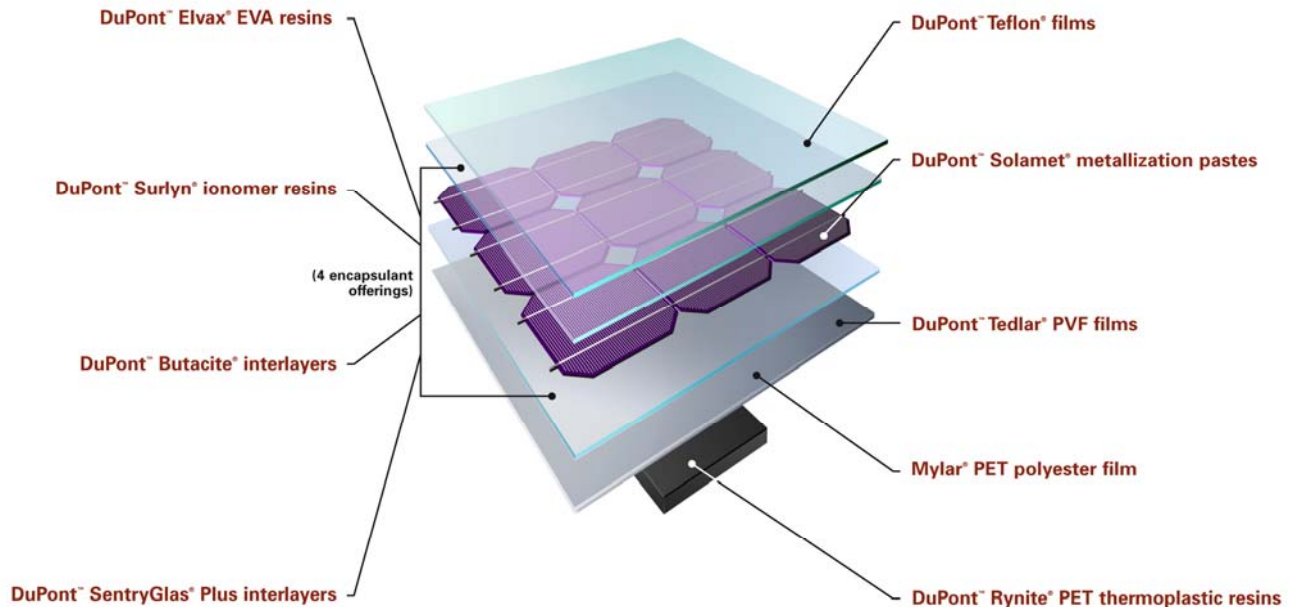
encapsulated and packaged into environmentally stable panels for protection from moisture, UV rays and impact. The company plans to invest approximately \$100 million to expand its product offerings in this rapidly growing market. In March 2006, DuPont installed a ground-mounted photovoltaic solar power system for an R&D and business facility at a company site in Wilmington, Del. The system, which provides enough electricity for the equivalent of eight U.S. homes, is an example of DuPont science and innovation enabling businesses and consumers to convert sunlight directly into electricity.

The company's offering for this market provides innovative business solutions that give DuPont a competitive advantage in meeting the growing demand for renewable energy technology. Through science and technology, innovative materials from DuPont enable solar modules to run more efficiently, last longer and provide safe and environmentally sustainable solutions, making the use of renewable energy easier for everyone.

Facts about DuPont Businesses that Provide Materials to the Global PV Solar Industry:

- Five DuPont businesses provide products for the Photovoltaic Solar Energy offering: Fluoroproducts, Electronic Technologies, Packaging & Industrial Polymers, Engineering Polymers and DuPont Teijin Films.
- DuPont is a leading supplier of materials to the PV industry, with a number of key products.
- DuPont has research and manufacturing sites in the U.S., Switzerland, Japan, China and the U.K.
- DuPont has been a long term innovator and supplier of technology to the PV industry, with more than 20 years experience in PV materials development, applications know-how, manufacturing expertise and global market access.
- DuPont has provided some of the most critical materials currently used in the PV industry. Many of our products have set the industry standard and continue to lead with consistent high quality and proven performance.
- Based on DuPont and industry estimates, the PV market is growing at more than 30 percent annually.

THE DUPONT PORTFOLIO OF INNOVATIVE MATERIALS FOR PHOTOVOLTAIC (PV) MODULES



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DuPont Products Used in Photovoltaic Solar Panels:

- DuPont™ Elvax® EVA copolymer resins for the encapsulant sheet, which cushions individual cells from impact and enables the transmission of sunlight to the cells;
- DuPont™ Teflon® fluoropolymer film for lightweight panels, offering mechanical strength against cracking and abrasion, flexibility and nearly 100 percent transparency;
- DuPont™ Tedlar® polyvinyl fluoride for the UV- and weather-resistant backsheet;
- DuPont™ Kapton® polyimide film for flexible substrates that provide excellent electrical and thermal properties to thin film modules;
- DuPont™ Solamet® photovoltaic materials for the conductive front and backside metallizations;
- DuPont™ SentryGlas® Plus interlayers to make double glass panels that control UV additives for increased efficiency;
- DuPont™ Surlyn® ionomer resins for the encapsulant sheet, which provide optical properties, strength, durability, UV resistance and adhesive bonding. Surlyn® also is used for adhesive bonding in non-crystalline silicon technologies;
- Mylar® polyester film for the backsheet interlayer to provide added protection from the environment;
- DuPont™ Rynite® PET thermoplastic resins for strong, durable and dimensionally stable molded parts;
- DuPont™ Butacite® interlayers to make encapsulated double glass panels that meet safety standards;
- DuPont™ Bynel® resins that ensure adequate bonding using solventless adhesive solutions for non-crystalline silicon technologies.

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