



Advanced Eva-Based Encapsulants: Final Report, January 1993-June 1997

By National Renewable Energy Laboratory (NREL)

Bibliogov, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This report describes work performed by STR, Inc., under this Photovoltaic Manufacturing Technology (PVMaT) subcontract. The purpose of the three-phase PVMaT program was to further define the problem of EVA-based PV encapsulant yellowing in fielded modules, research possible chemical mechanisms, and then combat the yellowing phenomenon by developing advanced PV encapsulants. Phases I comprised a literature search on EVA-based encapsulant browning, survey of and site visits to installations reporting discolored encapsulant in fielded modules, and analysis of browned EVA-based encapsulant. During Phase II, development work, including reformulation, resulted in four experimental encapsulants with greatly reduced browning. After 40 weeks in the Weather-O-Meter, glass/glass laminates prepared with new formulations (standard and fast cure) showed no visible yellowing. During Phase III, these four experimental EVA-based encapsulants from Phase II were successfully prepared on a pilot scale using production equipment, and the resulting sheet was used, without significant problems, by six different module producers to fabricate full-size modules.



READ ONLINE
[5.97 MB]

Reviews

Most of these ebook is the perfect publication readily available. I really could comprehended almost everything out of this created e pdf. I discovered this pdf from my dad and i recommended this book to find out.

-- **Vinnie Grant**

I just started out looking over this ebook. it was writtern extremely perfectly and useful. You are going to like the way the blogger publish this book.

-- **Micaela Kutch**