

Solaxess Colored Films – Product Information

Characteristic	Value	Unit	Comment
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Colours Available

- White (NCS S 1005-R80B),
- Light-grey (NCS S 2010-R80B)
- Aluminium-look
- Other colours in development: Aluminium-look, Beige Sand, LightTerracotta, Scarlet, etc.

Technical Properties

Total thickness	147	microns	Internal method
Area density	203	g/m ²	Internal method
Density	1.36	-	Internal method
Heat shrinkage (150°C unrestrained, 30 mins)	MD ≤ 1.0 TD ≤ 0.6	%	ASTM-D1204
Elongation to break (60 hrs, 120°C, 2bar)	MD ≥ 10 TD ≥ 10	%	Based on ASTM - D882
Gross calorific potential (PCS)	4.1	MJ/m ²	EN ISO 1716 :2018

Production Figures

Standard roll width	1'665	mm	Other widths upon request
Inner reel diameter	152 (6")	mm	Other diameters upon request

Certification

Certification	EN IEC 61215-1/-2:2016, EN IEC 61730-1/-2:2016 Tests passed successfully at TÜV Rheinland Energy GmbH
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Shelf Life & Storage Conditions

Shelf life is 6 months under proper storage conditions. The product should be stored adequately with the temperature controlled between 15°C and 25°C and relative humidity between 25% and 50%, avoiding direct sunlight. The product should not be placed near any heating equipment or exposed in a dusty place. The product should be used within 1 month after the package is opened. Any unused product should be properly sealed with original package or similar package.

Values:

- All values stated above are to be considered as average values. We reserve the right to make technical changes.
- It shall be for the respective user to check and to ensure the compatibility of the Solaxess film with other products/films/laminates or modules.
- Furthermore the user has to check and to ensure the suitability of the Solaxess film for the corresponding finished product and application.
- This product information is a technical information, however no product specification.
- In this regard Solaxess SA assumes no liability and no warranty.

Shelf life:

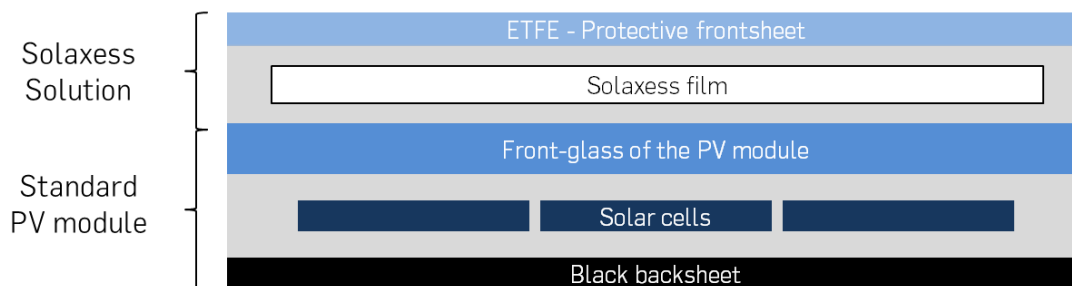
- 6 months in original packaging under storage conditions mentioned above.

Notes on processing:

- The Solaxess films must be laminated according to the lamination guidelines provided by Solaxess
- The surfaces have to be clean (no fingerprints or other contaminations)
- The use gloves of gloves is mandatory.
- Do not clean the surface with solvents or any other material before laminating.

Film Integration into Photovoltaic Modules:

- A typical integration of the Solaxess film is shown below



Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that Solaxess believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond Solaxess's control and uniquely within user's knowledge and control can affect the use and performance of a Solaxess product in a particular application. Given the variety of factors that can affect the use and performance of a Solaxess product, user is solely responsible for evaluating the Solaxess product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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