

# CERTIFICATE

# PI CERT

**Certificate No.:** 115022203  
**Report No.:** 201011210a  
**Certificate Holder:** AZUR Solar GmbH  
In den Bögen 11  
D-88299 Leutkirch  
**Product /Type:** Encapsulation material  
**Product Name:** AZUR 2P  
**Test Sample:** AZUR P 220-3  
PV-module / poly c-Si  
Coated with AZUR 2P



Hereby we certify that the transmittance of the Azur encapsulation material AZUR 2P after UV-resistance test according to IEC 61215 / IEC 61730-2, Chapter 10.10 / MST 54 led to a performance reduction by -0.26% for multicrystalline silicon solar cells.

**Testing According to:**

- IEC 61215 and IEC 61730-2, Chapter 10.10/ MST 54  
(UV-resistance test, 15kWh/m<sup>2</sup>)

**Factory Inspection:**

- not performed

**Remarks:**

- Within the power measurement accuracy of <1%, no degradation was observed.
- Details are documented in test report No. 201011210a.

**Testing Laboratory:**  
(IECEE accredited)

PI Photovoltaik-Institut Berlin AG  
Wrangelstraße 100  
D-10997 Berlin, Germany



**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid until the 13<sup>th</sup> April 2014.**

A handwritten signature in black ink that reads 'Stefan Krauter'.



Berlin, 13<sup>th</sup> April 2011

Prof. Dr.-Ing. S. Krauter