

UPM Sol silk

Dieses Papier gibt Ihrem Druckobjekt die Chance zu glänzen. UPM Sol ist ein Premium Bogen-Papier mit einer modernen, blauweißen Tönung. Durch seinen hohen optischen Glanz werden Intensität und Kontraste von Texten und Bildern verstärkt.

Recommended end-uses

Bücher | Broschüren | Kataloge | Personalisierte Direktwerbung | Einlagen | Magazine | Handbücher

Product information

Regions	Afrika Europa Naher Osten Südamerika
Business contact	UPM Communication Papers
Category	Bogenoffsetpapiere
Grade	Gestrichenes holzhaltiges Papier
Finish	Matt
Furnish	Zellstoff Holzstoff
Printing method	Bogenoffsetdruck
Format/Size	Bogen
Note	PEFC auf Anfrage. Lieferbarkeit vorbehalten.

Certificates

Produktkonformität	EU-Umweltzeichen
Umwelt Zertifikate	FSC Chain-of-Custody PEFC Chain-of-Custody
Werkzertifikate	EES+ ISO 9001 ISO 14001 ISO 45001 EMAS

Technical target values

Flächengewicht (ISO 536) (g/m ²)	60.0	70.0	80.0	90.0
Volumen (ISO 534) (cm ³ /g)	0.95	0.95	0.95	0.95
Weissgrad D65 (ISO 2470-2) (%)	90	93	94	94
L-Wert D65 (D65/10°) (ISO 5631-2)	92.5	93	93	93
a- Wert D65 (D65/10°) (ISO 5631-2)	1.2	1.2	1.2	1.2
b- Wert D65 (D65/10°) (ISO 5631-2)	-7.0	-7.5	-8.0	-8.0
Opazität ISO (2471) (%)	92	95	96	97
Glanz Hunter (ISO 8254-1) (%)	25	30	30	30
Glätte PPS 10 (ISO 8791-4) (µm)	2.0	2.0	1.8	1.8

Please note: Technical values are informative and subject to production variations.

Prepress guidelines

Characterisation data	Fogra 39, Fogra 51
FOGRA Char. Data (FM)	Fogra 43 FM

3 September, 2012

UPM MEETS ALL REQUIREMENTS OF REACH

UPM meets all the set requirements of REACH and welcomes REACH as a positive development in streamlining EU chemical legislation. UPM has actively worked with CEPI and national associations to make sure that all necessary steps are taken to fulfil the requirements of REACH.

UPM is mainly a 'downstream-user' of chemicals and has taken the necessary steps to make sure that all our chemical suppliers are aware of the REACH requirements.

UPM's main raw materials (e.g. wood, fillers and coating pigments nor chemical and mechanical pulp) are not included in REACH according to the current legislation and do not need to be registered. PCC, used as filler in paper production, is included in REACH and it has been pre-registered by the suppliers.

The by-products and intermediates of chemical pulping have been pre-registered and will be registered as required by REACH.

UPM products are not to be considered "substances" under REACH, nor do they have a risk that compounds of very high concerns are contained on a concentration level which result in needs of registration on "preparations/articles" level.

REACH:

EU Regulation (EC) No 1907/2006 concerning Registration, Evaluation and Authorization of Chemicals (REACH) is the new European chemicals legislation that came into force in June 2007. REACH aims to promote sustainable development by improving the protection of human health and environment

Päivi Salpakivi-Salomaa
Vice President, UPM Environment

UPM SOL SILK

This paper gives your print work an opportunity to shine. UPM Sol is a premium grade with a modern, blue-white shade. Its high optical brightness adds contrasts and intensity to text and images.

UPM SOL SILK:

Category	Sheet fed offset papers
Grade	Coated mechanical
End use	Books Brochures Catalogues Direct mailing Inserts Magazines Manuals
Finish	Matt
Furnish	Chemical pulp Mechanical pulp Recycled fibre pulp
Printing method	Sheet fed offset
Format/Size	Sheets
Certificates and labels	BfR Food Certificate EMAS EU Ecolabel FSC Chain-of-Custody ISO 14001 ISO 50001 ISO 9001 OHSAS 18001 PEFC Chain-of-Custody
Note	FSC® and PEFC™ on request but subject to availability.

TECHNICAL TARGET VALUES:

Basis Weight (ISO 536) (g/m²)	60.0	70.0	80.0	90.0
Bulk (ISO 534) (cm³/g)	0.90	0.90	0.90	0.90
Brightness D65 (ISO 2470-2) (%)	90.0	93.0	94.0	94.0
L-value D65 (D65/10°) (ISO 5631-2)	92.5	93.0	93.0	93.0
a-value D65 (D65/10°) (ISO 5631-2)	1.0	1.2	1.2	1.3
b-value D65 (D65/10°) (ISO 5631-2)	-6.5	-7.0	-7.5	-7.5
Opacity ISO (2471) (%)	91.0	95.0	97.0	98.0
Gloss Hunter (ISO 8254-1) (%)	30.0	30.0	30.0	30.0
Gloss Lehmann (ISO 8254-2) (%)	27.0	27.0	27.0	27.0
Smoothness PPS 10 (ISO 8791-4) (μm)	1.5	1.5	1.5	1.5

Please note: Technical values are informative and subject to production variations.

PREPRESS GUIDELINES:

CIE L*-value (D50/2°) WB	94.0
CIE a*-value (D50/2°) WB	1.3
CIE b*-value (D50/2°) WB	-2.2
Max. Total Area (TAC%)	300
ICC Paper profile	ISOcoated_v2_300_eci.icc
TVI Curve	A(CMY), B(K)
AM Screen recommendation (l/cm)	60
FM Screen recommendation (µm)	25
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800